Table 1.1

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, reported incidents and population at risk

	Residential population	Employed population	Population at risk	Density (population at risk/ sq km)	Violent incidents	Rate (per 1,000)	Property incidents	Rate (per 1,000)
Census tracts		number		density	number	rate	number	rate
City of Edmonton	666,885	245,790	912,675	1,335	7,145	7.8	44,799	49.1
6.06	4,960	0	4,960	5,767	69	13.9	430	86.7
6.07	6,743	7,646	14,389	5,213	194	13.5	1,562	108.6
13.00	4,039	2,486	6,525	4,906	117	17.9	706	108.2
20.00	6,034	1,879	7,913	2,664	56	7.1	583	73.7
22.00	4,499	1,294	5,793	4,634	40	6.9	419	72.3
28.00	6,859	5,055	11,914	4,513	275	23.1	1,162	97.5
42.02	3,622	671	4,293	2,752	62	14.4	286	66.6
44.00	6,443	2,071	8,514	5,792	181	21.3	545	64.0
46.00	4,714	7,667	12,381	9,451	257	20.8	921	74.4
47.00	6,488	3,045	9,533	4,864	136	14.3	713	74.8
50.00	4,064	773	4,837	3,383	45	9.3	311	64.3
52.02	4,712	1,393	6,105	3,678	67	11.0	441	72.2
53.00	4,580	887	5,467	4,339	67	12.3	372	68.0
54.00	3,227	9,372	12,599	3,806	145	11.5	1,263	100.2
55.00	3,894	582	4,476	4,813	121	27.0	452	101.0
56.00	3,795	723	4,518	4,429	122	27.0	390	86.3
57.00	2,009	1,316	3,325	1,837	60	18.0	372	111.9
58.00	6,743	1,102	7,845	2,772	101	12.9	596	76.0
59.00	6,359	1,507	7,866	2,497	80	10.2	474	60.3
60.01	2,867	1,312	4,179	2,548	158	37.8	666	159.4
60.02	3,930	1,184	5,114	4,334	92	18.0	463	90.5
61.00	3,702	516	4,218	3,429	102	24.2	405	96.0
62.00	3,007	3,384	6,391	1,700	59	9.2	419	65.6
69.00	3,107	714	3,821	2,830	43	11.3	256	67.0
70.00	4,305	1,009	5,314	3,496	75	14.1	321	60.4
71.00	4,287	1,150	5,437	3,554	85	15.6	351	64.6
73.00	4,696	1,219	5,915	3,479	100	16.9	515	87.1
75.06	6,644	1,059	7,703	1,888	52	6.8	555	72.0
76.01	2,918	2,249	5,167	4,573	30	5.8	366	70.8
77.01	3,623	978	4,601	3,932	20	4.3	305	66.3

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 1.2

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, reported incidents

	Sexual offences	Arson offences	Assault offences	Theft under $5,000	Theft $5,000 and over	Shop-lifting offences	Robbery offences	Mischief offences	Drug incidents	Motor vehicle theft offences	Break and enter offences	Prosti-tution offences	Homicides (including attempts)
Census tracts						number							
City of Edmonton	570	330	4,400	19,451	568	3,907	1,202	9,575	1,954	6,336	7,921	963	31
6.06	7	1	45	215	3	74	9	79	4	78	33	0	1
6.07	9	3	126	911	14	389	33	181	33	244	103	0	0
13.00	1	3	78	309	5	35	16	178	37	80	85	0	0
20.00	5	4	25	280	8	123	16	94	7	63	87	0	0
22.00	0	4	28	165	2	13	5	154	15	31	51	0	0
28.00	28	20	166	549	8	212	59	177	42	143	136	0	0
42.02	2	2	37	109	4	16	15	80	24	33	46	5	0
44.00	16	6	129	205	3	6	26	111	39	97	106	137	0
46.00	14	3	177	454	10	25	52	181	67	108	123	19	0
47.00	7	3	87	341	3	95	22	131	37	111	88	10	0
50.00	6	2	27	124	2	10	7	53	14	48	68	0	0
52.02	1	3	47	240	6	86	13	64	18	67	54	0	0
53.00	4	2	43	141	3	3	15	87	15	55	59	15	1
54.00	7	3	83	663	14	317	33	158	44	198	119	2	0
55.00	8	7	80	147	2	9	18	92	34	71	102	119	0
56.00	8	4	88	127	4	13	18	80	39	64	86	18	0
57.00	3	2	40	237	2	116	9	35	20	47	40	4	0
58.00	10	1	55	283	1	90	26	108	14	88	70	0	1
59.00	2	2	52	158	7	4	11	107	16	96	83	0	0
60.01	10	5	84	293	3	140	47	114	29	100	92	6	0
60.02	5	1	64	150	3	7	18	92	33	85	97	90	0
61.00	15	4	53	144	1	20	26	84	50	66	71	376	0
62.00	2	1	40	174	3	5	8	77	24	64	83	0	1
69.00	1	2	24	113	3	39	10	50	16	36	35	0	0
70.00	7	0	43	104	3	9	11	81	16	42	51	0	0
71.00	4	5	55	109	1	10	18	67	21	74	62	0	0
73.00	7	2	69	186	4	16	16	105	10	106	95	0	0
75.06	6	0	30	277	6	127	13	105	13	105	42	0	0
76.01	4	1	14	226	2	138	5	40	8	50	18	0	0
77.01	3	1	12	210	2	159	2	32	2	25	23	0	0

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 1.3

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, demographic data

	Ratio of male to female	Population aged 15 and under	Population aged 65 and over	Males 15 to 24	Population single, never married	Lone-parent families	Population living alone
Census tracts	ratio			percentage			
City of Edmonton	0.96	18.5	11.7	7.7	36.4	18.4	29.0
6.06	0.94	15.0	12.1	10.4	46.9	24.6	20.2
6.07	0.91	20.5	10.7	8.0	32.9	19.3	6.4
13.00	0.97	6.6	11.4	10.0	60.2	18.0	37.0
20.00	0.88	13.3	19.3	7.5	41.0	18.7	20.7
22.00	0.99	4.3	6.6	10.1	61.2	10.5	35.5
28.00	1.04	16.0	11.0	8.5	45.4	29.0	21.0
42.02	0.98	14.2	22.7	5.7	30.4	19.2	14.3
44.00	1.19	10.8	11.6	9.2	53.0	23.8	27.2
46.00	1.19	12.8	7.5	11.0	56.8	30.3	30.6
47.00	1.03	11.0	7.9	9.2	53.6	23.4	27.7
50.00	1.04	17.1	12.3	7.6	38.7	26.0	11.0
52.02	0.83	14.8	24.8	7.1	37.2	29.8	22.6
53.00	0.98	12.0	16.8	7.0	45.0	27.6	29.9
54.00	1.02	12.9	18.1	8.2	42.6	22.7	14.2
55.00	1.11	18.1	10.1	7.3	45.5	29.7	14.7
56.00	1.07	18.4	11.5	7.6	43.9	32.4	13.4
57.00	0.89	14.0	16.7	5.5	35.4	22.9	19.8
58.00	1.01	21.7	11.8	7.4	37.1	29.5	7.9
59.00	1.04	17.9	14.4	6.2	35.6	23.5	11.9
60.01	1.15	19.4	10.5	7.5	44.1	32.5	13.6
60.02	1.04	19.2	12.0	7.6	42.3	31.9	16.1
61.00	1.07	19.0	11.5	6.9	41.5	28.9	11.5
62.00	1.13	8.8	9.3	14.1	58.9	25.4	31.8
69.00	0.95	15.8	24.3	6.3	27.7	16.6	11.6
70.00	0.97	20.0	14.1	7.4	39.7	30.0	12.1
71.00	0.99	21.4	13.5	7.5	39.2	30.0	9.1
73.00	0.99	19.0	15.5	6.8	36.5	26.6	15.7
75.06	0.96	22.6	5.0	8.4	38.3	23.2	7.6
76.01	0.84	13.9	25.7	5.5	27.5	19.1	12.8
77.01	0.90	17.0	22.5	6.2	28.5	16.6	6.4

Source: Statistics Canada, Census, 2001.

Table 1.4

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, dwelling data

Census tracts	Dwellings in need of major repair	Housing built before 1961	Housing built after 1990	Average dwelling value	Single-detached houses	Apartment buildings	Rooms per dwelling
		percentage		dollars	percentage		number
City of Edmonton	7.4	23.3	12.3	142,318	51.3	31.9	6.1
6.06	7.0	1.6	10.1	106,554	0.2	77.7	4.3
6.07	6.2	1.5	14.8	140,108	45.8	22.1	6.8
13.00	7.5	33.9	2.2	129,832	22.4	69.3	4.1
20.00	10.4	50.1	7.8	152,051	54.1	30.4	6.0
22.00	5.8	19.1	11.3	155,219	9.7	86.5	4.0
28.00	11.8	31.3	1.0	100,654	29.0	63.0	4.9
42.02	11.6	47.3	1.6	113,012	75.6	22.5	6.3
44.00	8.8	22.4	5.3	102,309	14.7	81.3	4.1
46.00	11.7	22.8	1.3	113,079	5.0	94.1	3.4
47.00	8.3	24.0	12.1	100,015	11.5	86.8	4.1
50.00	12.7	35.0	2.5	106,975	58.5	20.4	6.2
52.02	10.1	62.0	2.9	122,425	28.4	61.3	4.8
53.00	7.2	46.0	1.9	116,767	29.0	64.9	4.6
54.00	13.1	71.9	6.4	114,758	64.8	24.0	5.8
55.00	20.8	80.5	3.1	101,435	69.2	17.0	5.7
56.00	17.2	70.6	5.0	82,076	71.6	17.5	5.8
57.00	12.0	78.6	8.3	119,529	79.2	15.6	6.4
58.00	9.0	32.9	2.6	104,108	61.2	16.9	6.2
59.00	11.4	60.8	5.0	103,526	79.9	13.7	6.3
60.01	13.2	41.7	2.1	111,170	44.2	43.4	5.3
60.02	10.7	38.4	0.6	93,733	37.3	43.0	5.2
61.00	15.8	73.5	5.2	93,194	85.2	7.9	6.1
62.00	11.1	35.3	0.9	110,282	23.0	68.2	4.4
69.00	6.6	16.4	0.0	100,275	53.9	17.6	6.1
70.00	10.9	38.4	0.6	114,404	30.9	27.8	5.7
71.00	11.1	32.1	1.2	110,106	58.8	20.0	5.9
73.00	12.6	19.8	1.0	96,614	40.4	45.4	5.6
75.06	3.9	0.4	21.9	108,660	41.1	28.5	6.2
76.01	4.8	4.4	0.9	110,359	46.7	18.8	6.4
77.01	8.1	3.8	0.0	119,292	69.4	8.9	7.0

Source: Statistics Canada, Census, 2001.

Table 1.5

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, socio-economic data

Census tracts	Unemployment rate	Without high school diploma	Bachelor's degree or higher	With a Median individual income	Part of government transfers in total income	Population in private households with low income	Households spending 30% or more on shelter
		percentage		dollars		percentage	
City of Edmonton	5.9	25.2	21.4	21,979	11.1	15.4	24.3
6.06	8.0	22.5	11.9	20,485	14.8	33.6	35.4
6.07	6.1	19.1	16.3	23,368	9.8	17.7	22.3
13.00	6.8	13.8	35.7	20,147	9.9	29.2	32.9
20.00	6.0	17.0	21.0	22,213	14.3	23.0	27.3
22.00	7.1	6.5	49.5	21,340	6.2	31.1	32.0
28.00	8.2	27.9	6.4	16,753	18.4	38.7	37.0
42.02	5.0	31.9	6.2	21,029	18.2	22.4	22.8
44.00	10.4	22.3	13.8	16,133	18.7	45.6	37.2
46.00	12.3	23.0	12.5	14,844	21.7	54.4	41.1
47.00	6.9	18.9	12.6	15,856	14.3	42.0	35.4
50.00	8.5	29.4	7.3	17,650	17.9	25.9	28.8
52.02	5.2	21.3	13.3	19,054	23.8	27.6	24.7
53.00	9.3	23.7	12.1	18,531	19.0	33.9	34.9
54.00	7.0	24.1	12.3	20,244	17.0	26.5	24.7
55.00	11.8	29.4	8.2	15,482	21.0	42.0	37.1
56.00	10.2	25.5	6.1	15,746	22.7	37.3	31.3
57.00	5.4	25.9	21.8	26,758	13.9	14.5	21.9
58.00	6.5	30.1	4.3	17,970	17.1	30.0	26.5
59.00	8.0	26.6	6.0	18,521	18.3	22.2	22.6
60.01	10.1	32.5	3.7	15,465	23.0	35.8	31.0
60.02	13.2	29.2	5.1	17,942	18.8	33.6	33.0
61.00	8.5	32.2	6.3	16,883	17.4	31.7	27.1
62.00	7.6	19.8	8.1	17,058	15.4	33.4	39.1
69.00	6.2	28.8	8.1	20,391	24.3	20.5	16.8
70.00	8.9	31.0	5.0	17,873	18.8	26.9	29.5
71.00	9.1	29.4	4.9	18,395	20.0	28.0	20.9
73.00	6.6	29.8	4.0	17,127	20.5	33.2	26.3
75.06	5.8	21.6	8.9	20,766	8.9	20.1	24.6
76.01	6.1	27.3	7.2	20,371	19.8	24.5	21.0
77.01	5.6	18.6	9.4	19,135	18.6	21.2	18.7

Source: Statistics Canada, Census, 2001.

Table 1.6

Characteristics of the census tracts with the highest crime rate, Edmonton, 2001, other characteristics

Census tracts	Owner-occupied households	Aboriginal	Recent immigrants, 1991 to 2001	Visible minority population	Recent movers (past year different address)	Workers in retail trade
			percentage			number
City of Edmonton	59.4	4.6	6.2	19.7	19.4	56,885
6.06	19.9	8.1	8.2	14.9	39.0	90
6.07	72.6	4.5	8.9	29.7	13.9	4,045
13.00	19.3	5.9	5.4	11.2	32.4	555
20.00	55.9	4.6	3.5	8.4	19.5	775
22.00	24.4	2.2	8.2	16.2	35.9	260
28.00	27.8	13.2	3.6	8.6	29.8	1,965
42.02	65.6	7.3	2.0	3.8	12.9	255
44.00	17.2	12.2	13.8	27.4	38.9	105
46.00	4.4	10.0	18.8	41.3	37.0	510
47.00	21.1	12.8	12.8	24.6	36.1	335
50.00	54.8	11.3	3.7	11.2	18.9	105
52.02	28.9	5.4	7.2	14.9	16.4	335
53.00	27.9	11.7	6.6	11.7	26.4	80
54.00	49.1	6.1	6.9	19.6	22.1	2,360
55.00	55.7	10.3	6.7	28.8	20.9	115
56.00	56.9	11.5	9.2	29.6	20.4	60
57.00	76.0	5.6	1.5	3.0	8.6	145
58.00	61.4	11.0	4.8	12.3	17.9	310
59.00	67.6	5.7	2.7	9.1	15.9	210
60.01	36.4	14.5	6.5	18.0	32.0	155
60.02	36.3	17.0	5.1	18.4	27.6	125
61.00	72.2	8.2	2.6	25.8	16.4	215
62.00	21.6	11.5	5.1	9.8	34.7	145
69.00	69.5	4.2	6.4	18.7	11.0	275
70.00	38.1	8.2	7.2	15.6	24.9	245
71.00	58.5	12.6	5.2	16.8	18.4	65
73.00	50.1	8.4	4.7	19.8	16.3	330
75.06	65.9	4.7	7.1	23.5	23.2	450
76.01	71.2	6.5	3.3	10.0	16.0	1,535
77.01	74.5	5.8	7.7	22.6	11.8	420

Source: Statistics Canada, Census, 2001.

Table 1.7

Bivariate correlations of independent variables, census tracts in Edmonton, 2001

		1	2	3	4	5	6	7	8	9
1	Violent crime rate	1	...	...	...	...	...	...	...	...
2	Property crime rate	0.822**	1	...	...	...	...	...	...	...
3	Ratio of male to female	0.279**	0.139	1	...	...	...	...	...	...
4	Percent of the population aged 15 and under	-0.222**	-0.388**	0.094	1	...	...	...	...	...
5	Percent of the population aged 65 and over	0.161	0.351**	-0.304**	-0.647**	1	...	...	...	...
6	Percent males 15 to 24	0.109	0.011	0.343**	-0.030	-0.513**	1	...	...	...
7	Percent aboriginal	0.760**	0.664**	0.355**	-0.064	0.008	0.158	1	...	...
8	Percent recent immigrants, 1991 to 2001	0.079	0.015	0.031	-0.057	-0.201*	0.394**	0.113	1	...
9	Percent visible minority population	-0.028	-0.213**	0.150	0.396**	-0.541**	0.423**	-0.063	0.517**	1
10	Percent recent movers (past year different address)	0.403**	0.373**	0.168*	-0.426**	-0.028	0.431**	0.461**	0.412**	0.038
11	Percent population without high school diploma	0.665**	0.575**	0.294**	0.143	0.124	-0.199*	0.700**	-0.187*	-0.104
12	Percent population with a Bachelor's degree or higher	-0.603**	-0.458**	-0.327**	-0.300**	0.119	-0.001	-0.681**	0.160	-0.055
13	Percent population single, never married	0.549**	0.515**	0.270**	-0.532**	-0.081	0.635**	0.498**	0.330**	0.018
14	Percent population living alone	0.483**	0.598**	-0.049	-0.875**	0.584**	0.040	0.348**	0.124	-0.407**
15	Percent lone-parent families	0.760**	0.673**	0.126	0.012	0.016	0.185*	0.735**	0.114	-0.027
16	Percent households spending 30% or more on shelter	0.592**	0.569**	0.140	-0.482**	0.057	0.449**	0.508**	0.372**	0.176*
17	Unemployment rate	0.601**	0.547**	0.429**	-0.231**	0.071	0.271**	0.536**	0.243**	0.059
18	Median individual income	-0.785**	-0.643**	-0.367**	0.027	0.057	-0.246**	-0.762**	-0.165*	-0.148
19	Percent of population in private households with low income	0.751**	0.694**	0.261**	-0.412**	0.137	0.360**	0.704**	0.341**	0.074
20	Percent of government transfers in total income	0.728**	0.733**	0.142	-0.317**	0.568**	-0.195*	0.653**	-0.024	-0.226**
21	Percent owner-occupied households	-0.481**	-0.453**	-0.134	0.546**	-0.123	-0.398**	-0.483**	-0.388**	0.113
22	Percent dwellings in need of major repair	0.411**	0.429**	0.260**	-0.183*	0.239**	-0.141	0.472**	-0.157	-0.412**
23	Average dwelling value	-0.586**	-0.439**	-0.270**	-0.092	0.126	-0.068	-0.649**	-0.001	0.075
24	Percent housing built after 1990	-0.274**	-0.289**	-0.034	0.151	-0.306**	0.076	-0.280**	0.049	0.351**
25	Percent housing built before 1961	0.373**	0.511**	0.159	-0.538**	0.657**	-0.319**	0.354**	-0.285**	-0.681**
26	Workers in retail trade	0.252**	0.348**	-0.024	-0.378**	0.292**	-0.021	0.135	0.099	-0.045
27	Percent single-detached houses	-0.273**	-0.237**	0.035	0.557**	-0.00	-0.360**	-0.212**	-0.247**	-0.007
28	Percent apartment buildings	0.434**	0.499**	-0.136	-0.536**	0.285**	0.282**	0.315**	0.232**	-0.055

Table 1.7

Bivariate correlations of independent variables, census tracts in Edmonton, 2001 (continued)

		10	11	12	13	14	15	16	17	18
1	Violent crime rate	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...
3	Ratio of male to female	...	...	...	...	...	...	...	...	...
4	Percent of the population aged 15 and under	...	...	...	...	...	...	...	...	...
5	Percent of the population aged 65 and over	...	...	...	...	...	...	...	...	...
6	Percent males 15 to 24	...	...	...	...	...	...	...	...	...
7	Percent aboriginal	...	...	...	...	...	...	...	...	...
8	Percent recent immigrants, 1991 to 2001	...	...	...	...	...	...	...	...	...
9	Percent visible minority population	...	...	...	...	...	...	...	...	...
10	Percent recent movers (past year different address)	1	...	...	...	...	...	...	...	...
11	Percent population without high school diploma	0.094	1	...	...	...	...	...	...	...
12	Percent population with a Bachelor's degree or higher	-0.102	-0.893**	1	...	...	...	...	...	...
13	Percent population single, never married	0.762**	0.073	-0.114	1	...	...	...	...	...
14	Percent population living alone	0.606**	0.098	0.046	0.679**	1	...	...	...	...
15	Percent lone-parent families	0.391**	0.610**	-0.630**	0.512**	0.343**	1	...	...	...
16	Percent households spending 30% or more on shelter	0.729**	0.208*	-0.200*	0.795**	0.652**	0.536**	1	...	...
17	Unemployment rate	0.442**	0.395**	-0.348**	0.550**	0.399**	0.538**	0.547**	1	...
18	Median individual income	-0.421**	-0.721**	0.760**	-0.514**	-0.300**	-0.743**	-0.577**	-0.563**	1
19	Percent of population in private households with low income	0.700**	0.411**	-0.408**	0.781**	0.660**	0.714**	0.855**	0.706**	-0.743**
20	Percent of government transfers in total income	0.228**	0.736**	-0.604**	0.272**	0.527**	0.648**	0.424**	0.540**	-0.733**
21	Percent owner-occupied households	-0.782**	-0.107	0.108	-0.807**	-0.748**	-0.468**	-0.690**	-0.498**	0.467**
22	Percent dwellings in need of major repair	0.214**	0.359**	-0.297**	0.263**	0.382**	0.403**	0.116	0.353**	-0.326**
23	Average dwelling value	-0.283**	-0.651**	0.727**	-0.308**	-0.183*	-0.597**	-0.212**	-0.345**	0.781**
24	Percent housing built after 1990	-0.043	-0.245**	0.193*	-0.141	-0.275**	-0.390**	0.002	-0.272**	0.286**
25	Percent housing built before 1961	0.170**	0.281**	-0.099	0.244**	0.622**	0.234**	0.151	0.304**	-0.206*
26	Workers in retail trade	0.216**	0.040	0.031	0.202*	0.350**	0.083	0.236**	0.227**	-0.100
27	Percent single-detached houses	-0.634**	0.077	-0.062	-0.631**	-0.587**	-0.184*	-0.590**	-0.319**	0.197*
28	Percent apartment buildings	0.607**	0.081	-0.025	0.614**	0.710**	0.461**	0.675**	0.339**	-0.343**

Table 1.7

Bivariate correlations of independent variables, census tracts in Edmonton, 2001 (concluded)

		19	20	21	22	23	24	25	26	27	28
1	Violent crime rate	...	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...	...
3	Ratio of male to female	...	...	...	...	...	...	...	...	...	...
4	Percent of the population aged 15 and under	...	...	...	...	...	...	...	...	...	...
5	Percent of the population aged 65 and over	...	...	...	...	...	...	...	...	...	...
6	Percent males 15 to 24	...	...	...	...	...	...	...	...	...	...
7	Percent aboriginal	...	...	...	...	...	...	...	...	...	...
8	Percent recent immigrants, 1991 to 2001	...	...	...	...	...	...	...	...	...	...
9	Percent visible minority population	...	...	...	...	...	...	...	...	...	...
10	Percent recent movers (past year different address)	...	...	...	...	...	...	...	...	...	...
11	Percent population without high school diploma	...	...	...	...	...	...	...	...	...	...
12	Percent population with a Bachelor's degree or higher	...	...	...	...	...	...	...	...	...	...
13	Percent population single, never married	...	...	...	...	...	...	...	...	...	...
14	Percent population living alone	...	...	...	...	...	...	...	...	...	...
15	Percent lone-parent families	...	...	...	...	...	...	...	...	...	...
16	Percent households spending 30% or more on shelter	...	...	...	...	...	...	...	...	...	...
17	Unemployment rate	...	...	...	...	...	...	...	...	...	...
18	Median individual income	...	...	...	...	...	...	...	...	...	...
19	Percent of population in private households with low income	1	...	...	...	...	...	...	...	...	...
20	Percent of government transfers in total income	0.649**	1	...	...	...	...	...	...	...	...
21	Percent owner-occupied households	-0.736**	-0.393**	1	...	...	...	...	...	...	...
22	Percent dwellings in need of major repair	0.376**	0.439**	-0.390**	1	...	...	...	...	...	...
23	Average dwelling value	-0.449**	-0.526**	0.392**	-0.503**	1	...	...	...	...	...
24	Percent housing built after 1990	-0.290**	-0.438**	0.295**	-0.373**	0.327**	1	...	...	...	...
25	Percent housing built before 1961	0.333**	0.582**	-0.345**	0.682**	-0.200*	-0.369**	1	...	...	...
26	Workers in retail trade	0.219**	0.202*	-0.196*	0.174*	-0.052	0.104	0.237**	1	...	...
27	Percent single-detached houses	-0.493**	-0.138	0.705**	-0.024	0.194*	-0.003	-0.015	-0.232**	1	...
28	Percent apartment buildings	0.657**	0.399**	-0.663**	0.123	-0.151	-0.302**	0.164*	0.155	-0.502**	1

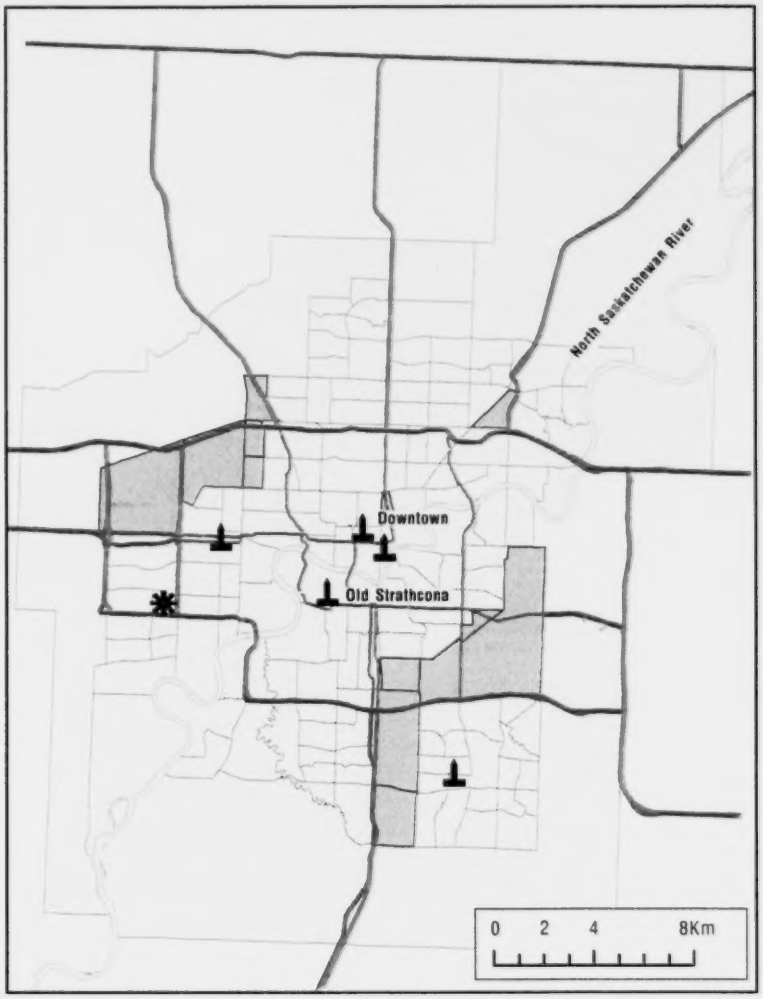
... not applicable

* <0.05.

** <0.01.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime-Reporting Survey, geocoded database, 2001 and Census, 2001.

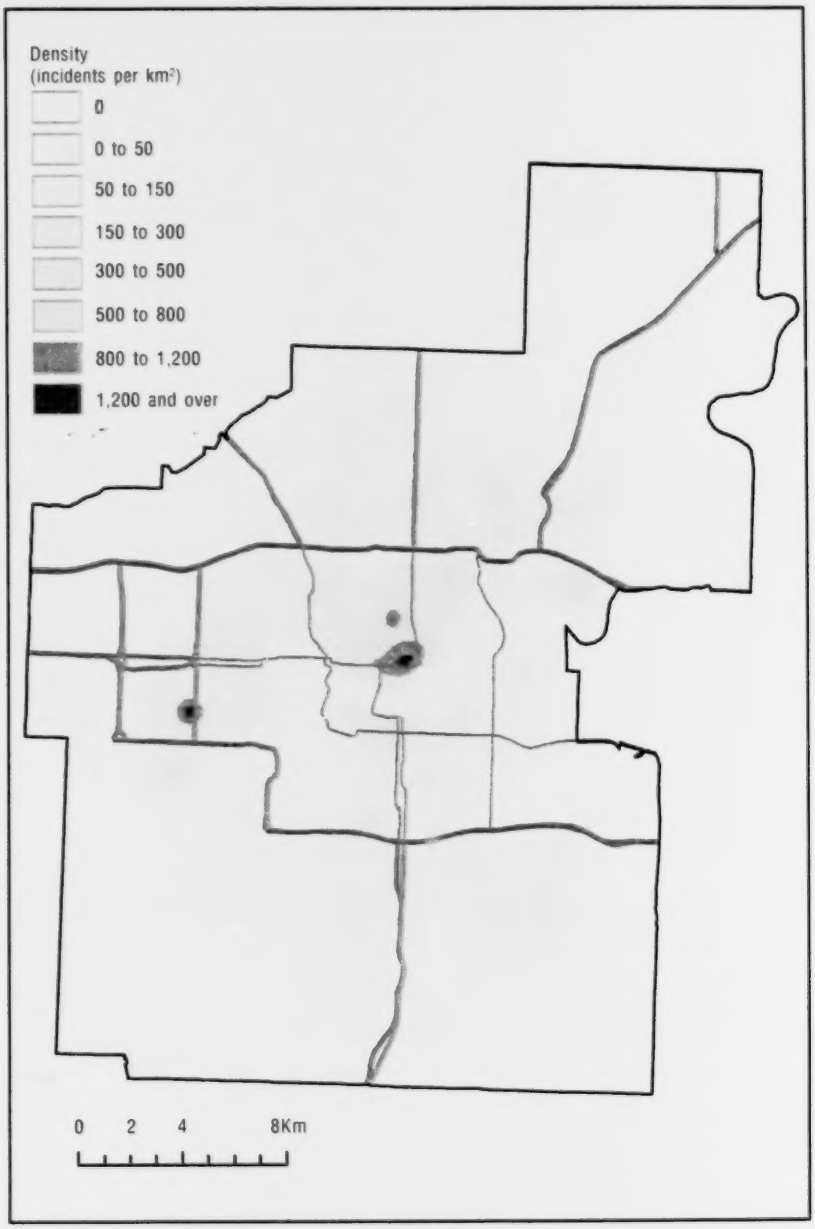
Map 1.1
Local context and census tracts (CTs), Edmonton, 2001



Post-secondary campus
West Edmonton Mall
CTs included in analysis (147)
CTs excluded from analysis (13)
Major road

Source: Statistics Canada,Census, 2001.

Map 1.2
Kernel density distribution of property crime incidents, Edmonton, 2001

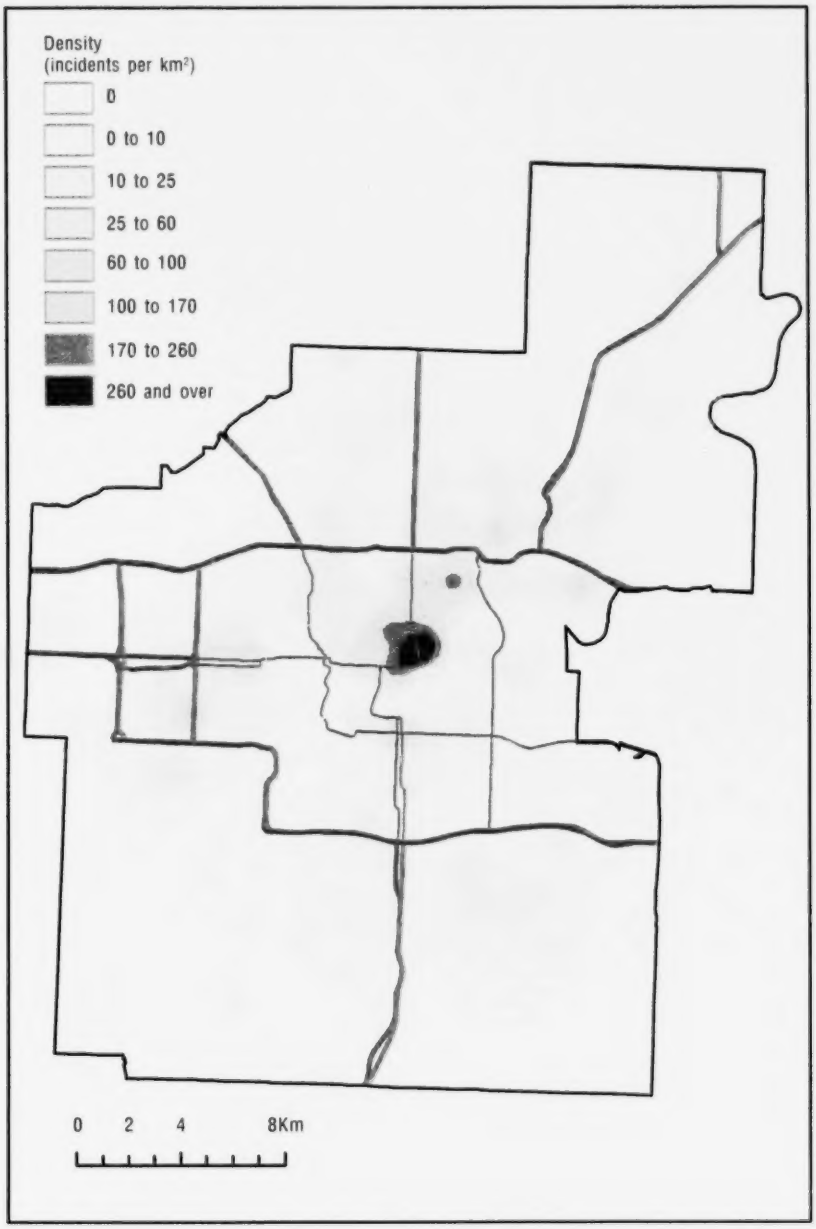


Based on 44,799 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.3

Kernel density distribution of violent crime incidents, Edmonton, 2001

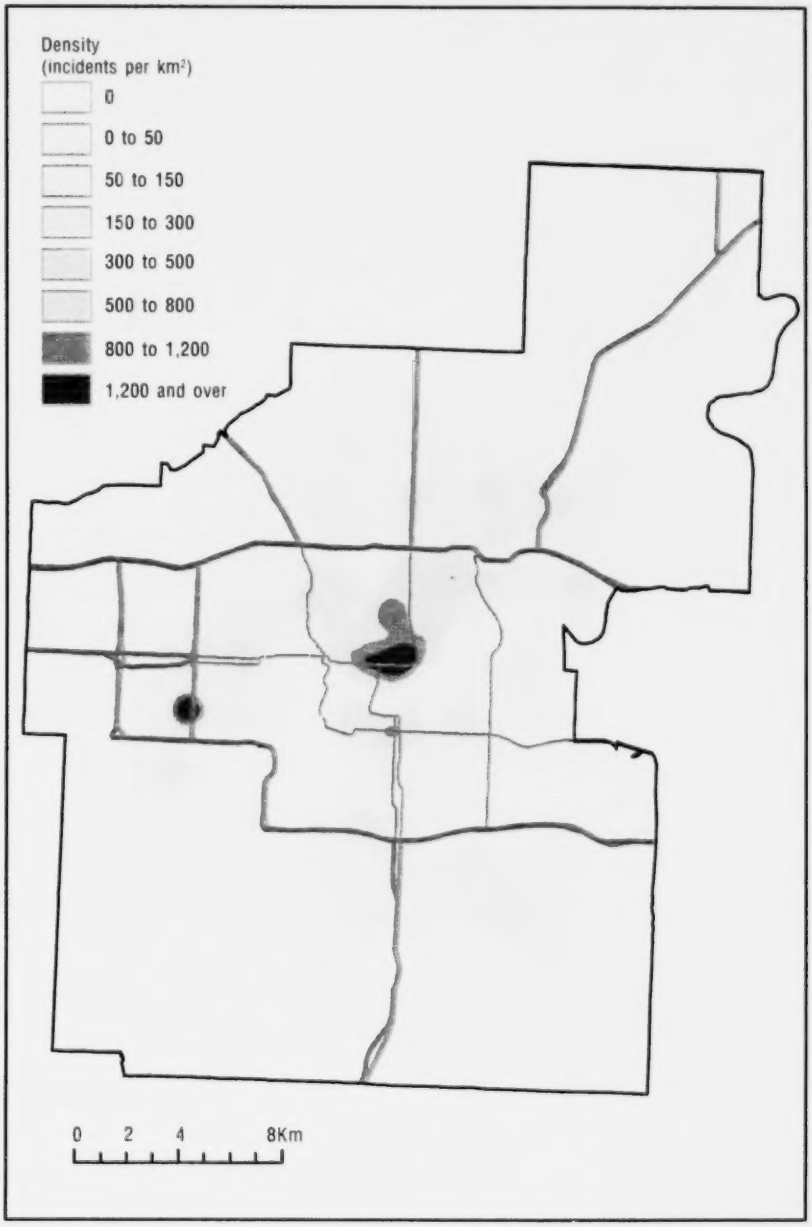


Based on 7,145 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.4

Kernel density distribution of property crime incidents, Edmonton, 2003

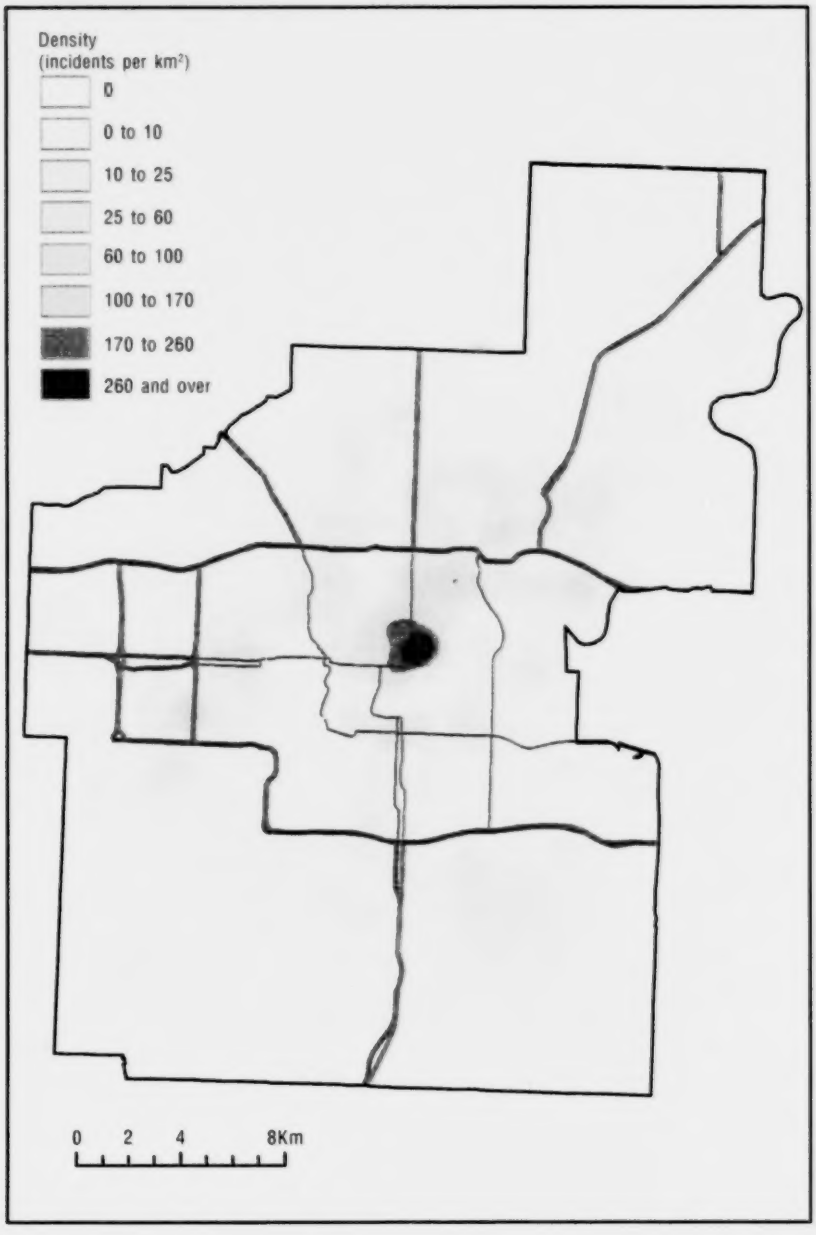


Based on 55,742 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 1.5

Kernel density distribution of violent crime incidents, Edmonton, 2003

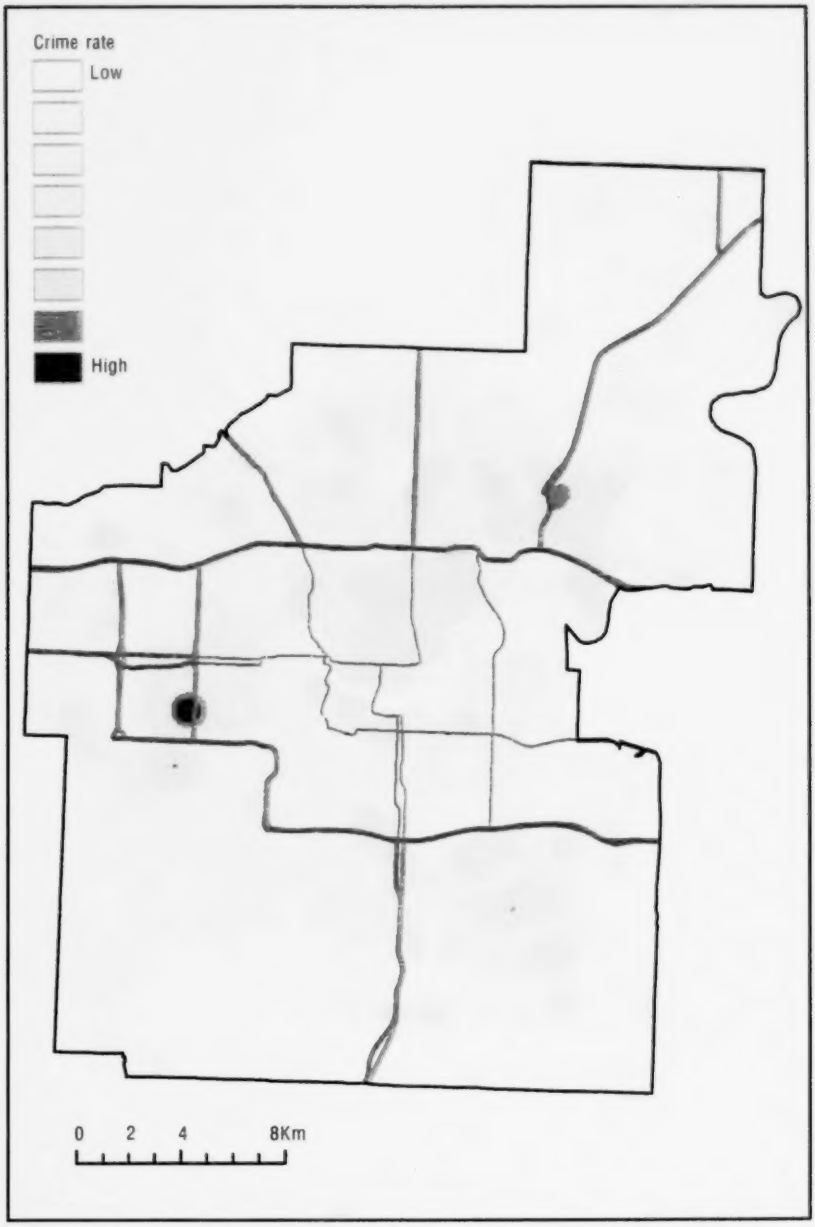


Based on 6,679 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 1.6

Kernel density distribution of property crime incidents and population at risk, Edmonton, 2001



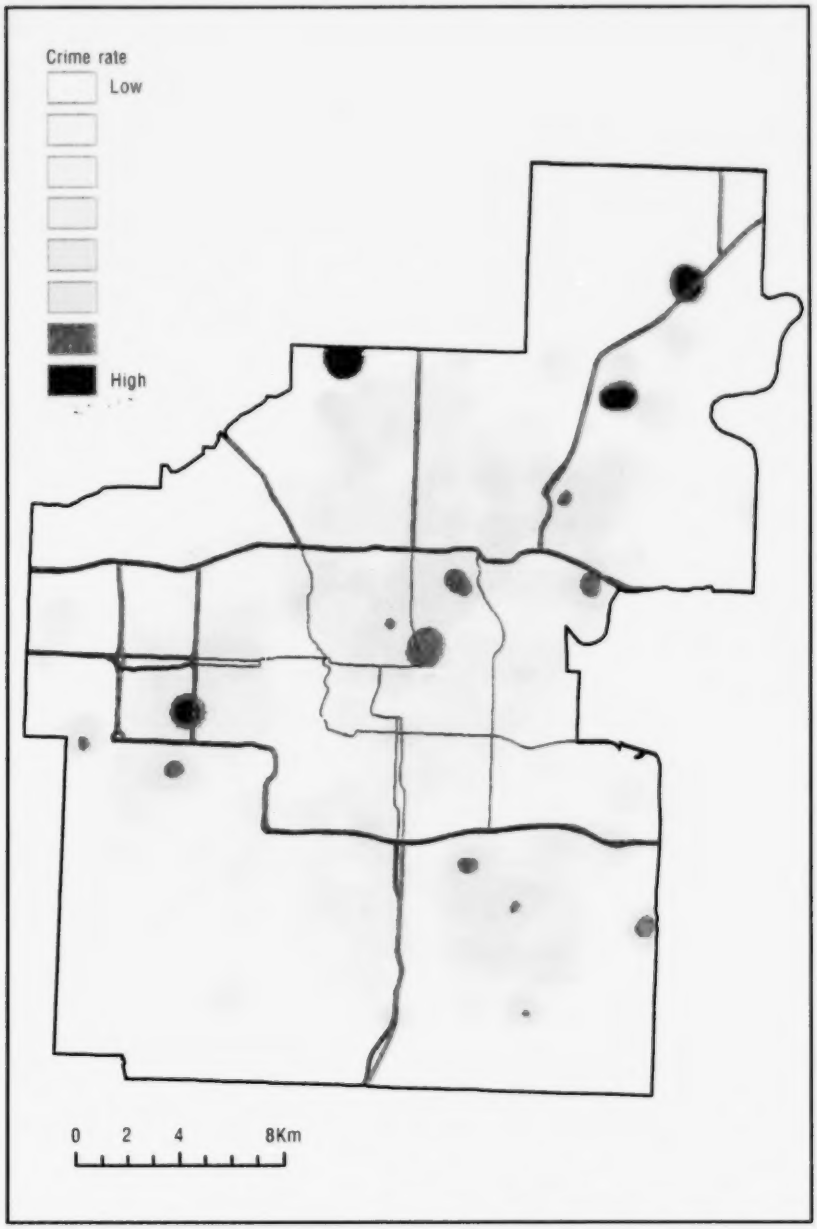
Based on 44,799 property crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 1.7

Kernel density distribution of violent crime incidents and population at risk, Edmonton, 2001



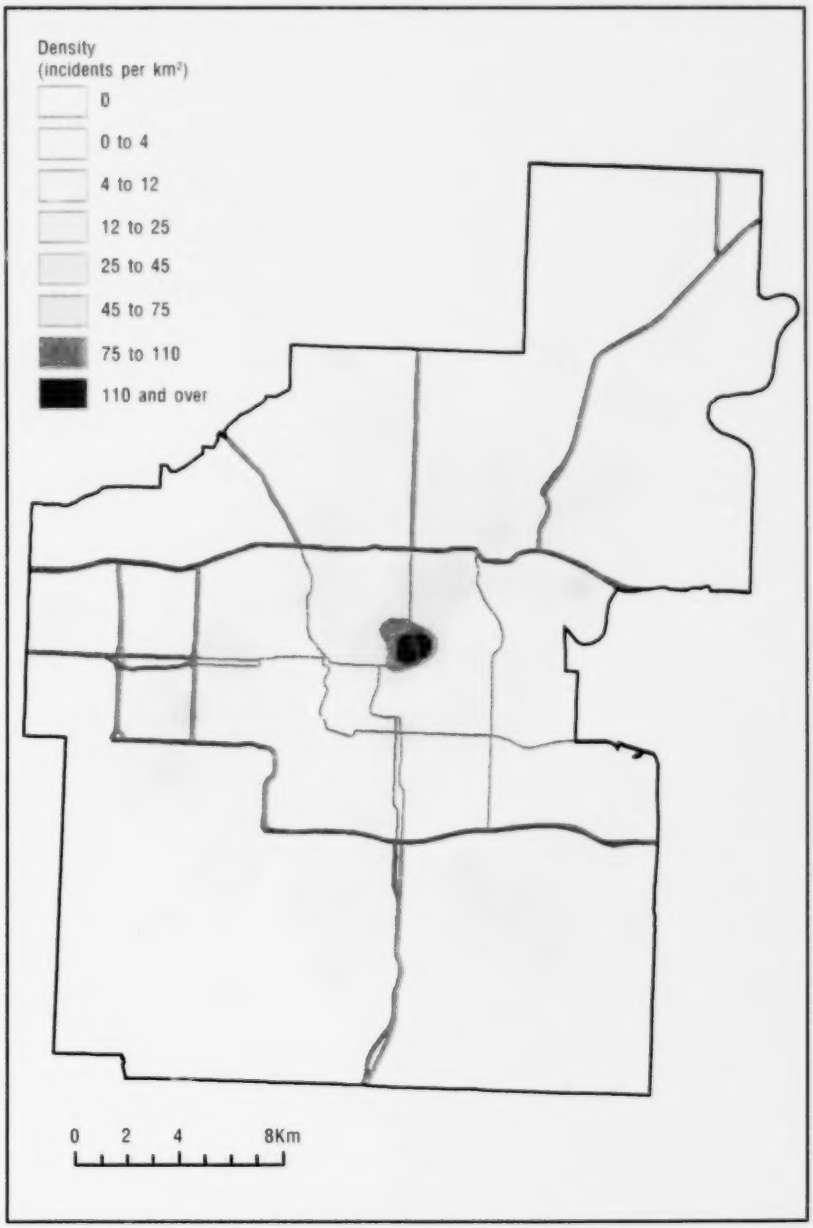
Based on 7,145 violent crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 1.8

Kernel density distribution of assault offences (level 1), Edmonton, 2001

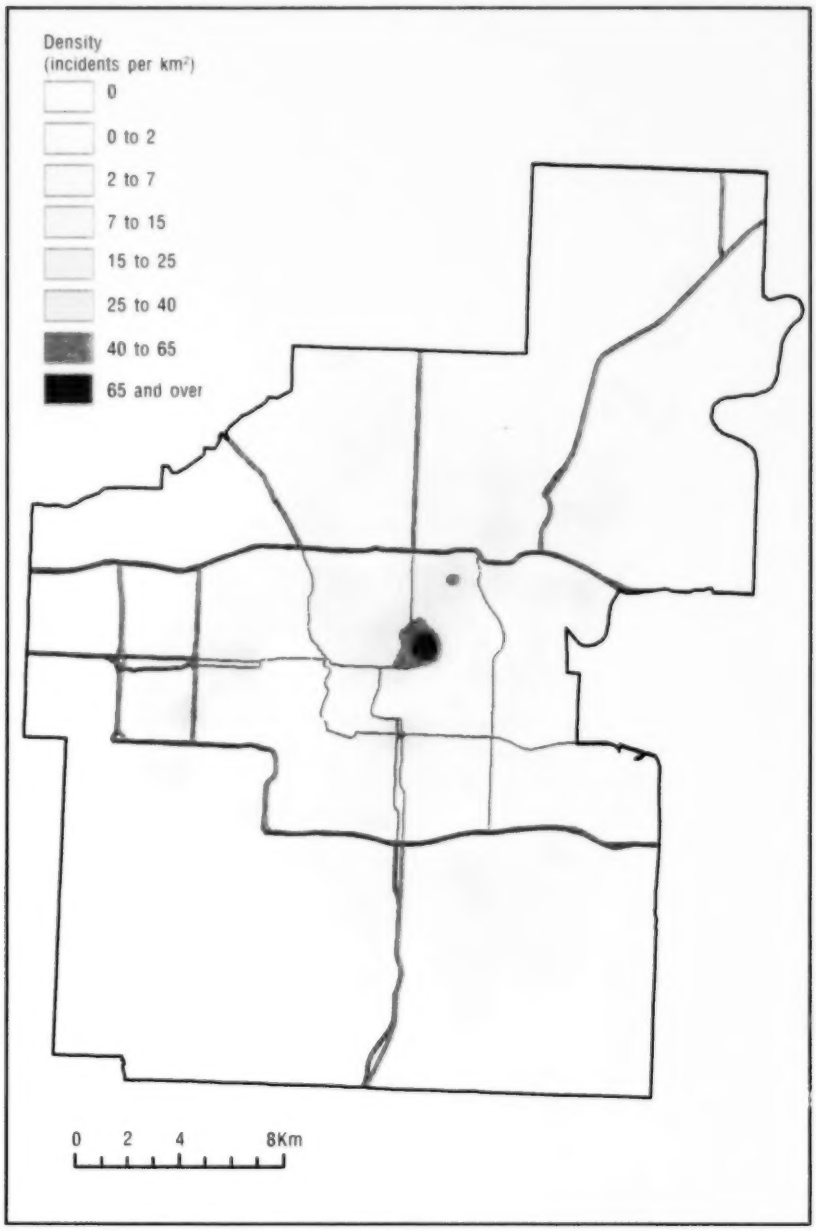


Based on 3,056 assault offences (level 1).

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.9

Kernel density distribution of assault offences (level 2 and 3), Edmonton, 2001

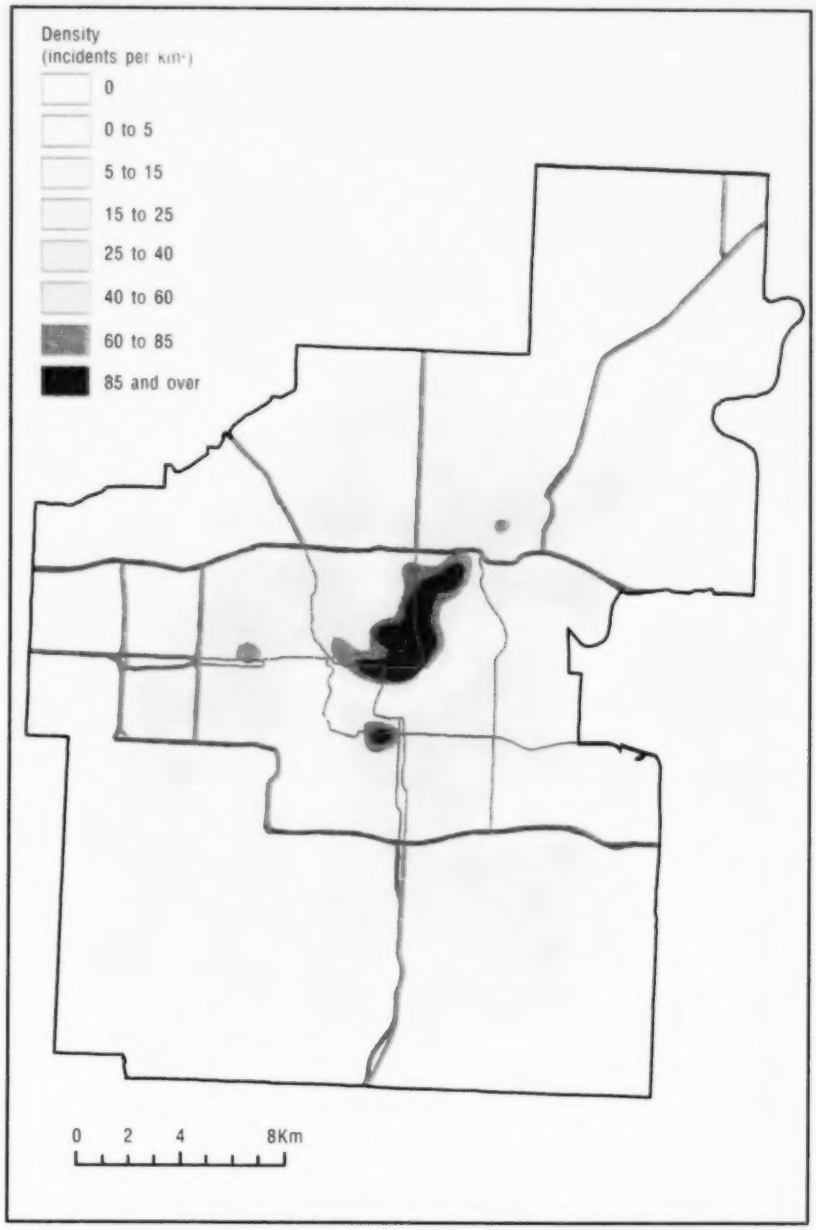


Based on 1,432 assault offences (level 2 and 3).

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.10

Kernel density distribution of break and enter offences, Edmonton, 2001

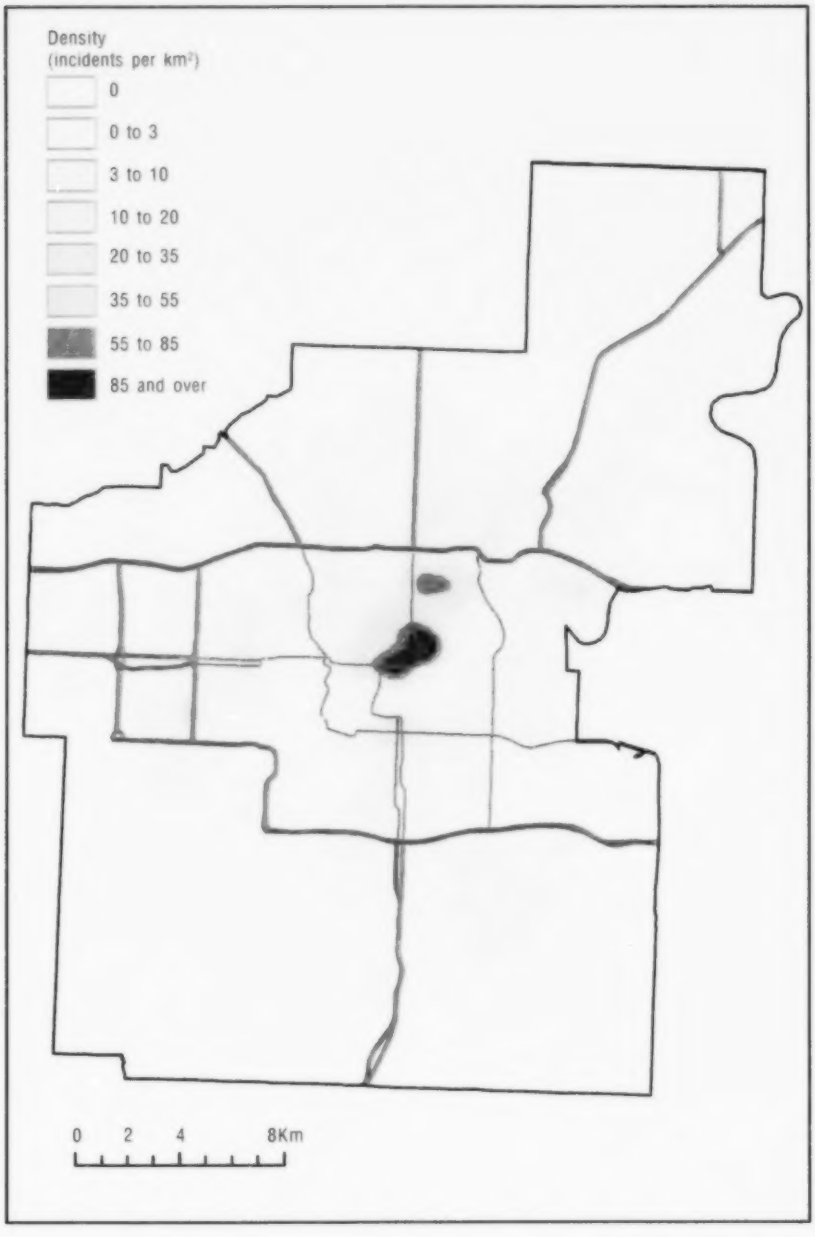


Based on 7,021 break and enter offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.11

Kernel density distribution of drug offences, Edmonton, 2001

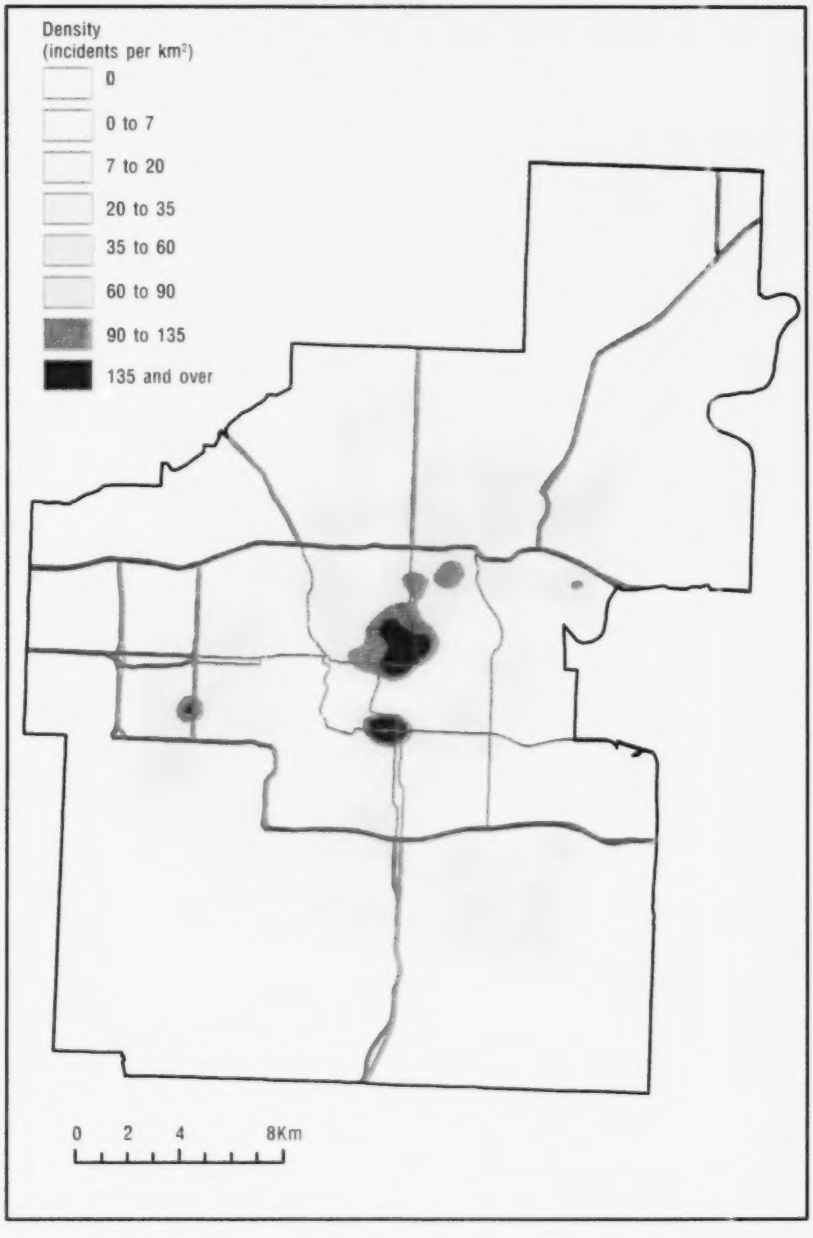


Based on 1,654 drug offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.12

Kernel density distribution of mischief offences, Edmonton, 2001

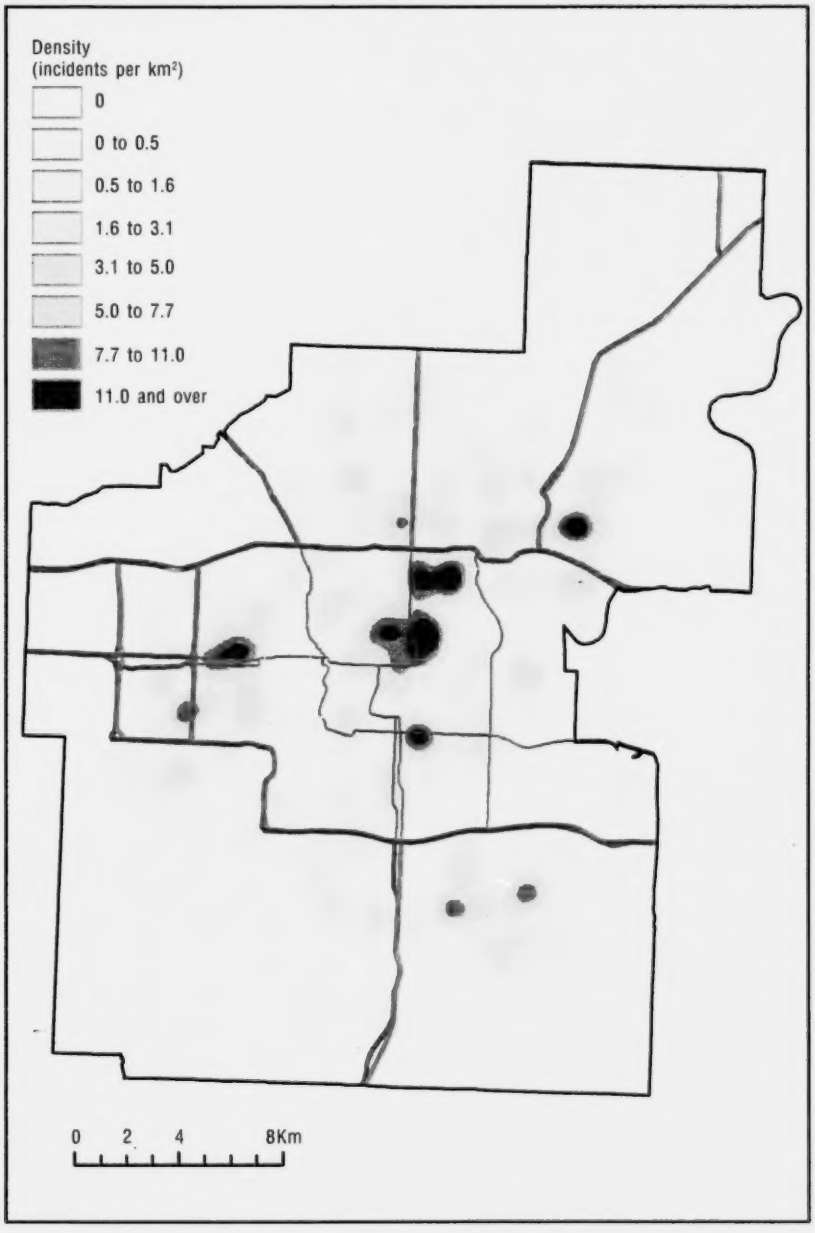


Based on 8,575 mischief offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.13

Kernel density distribution of sexual offences, Edmonton, 2001

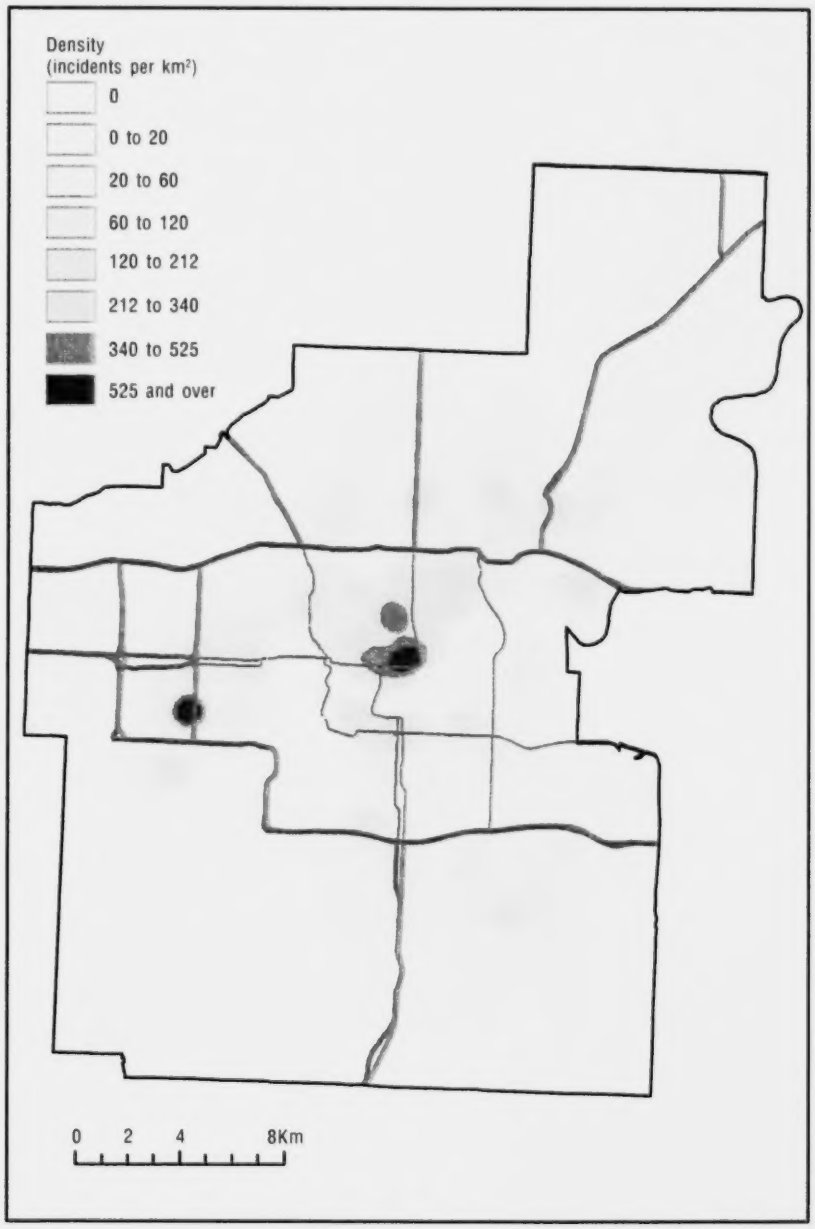


Based on 570 sexual offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.14

Kernel density distribution of theft $5,000 and under offences, Edmonton, 2001

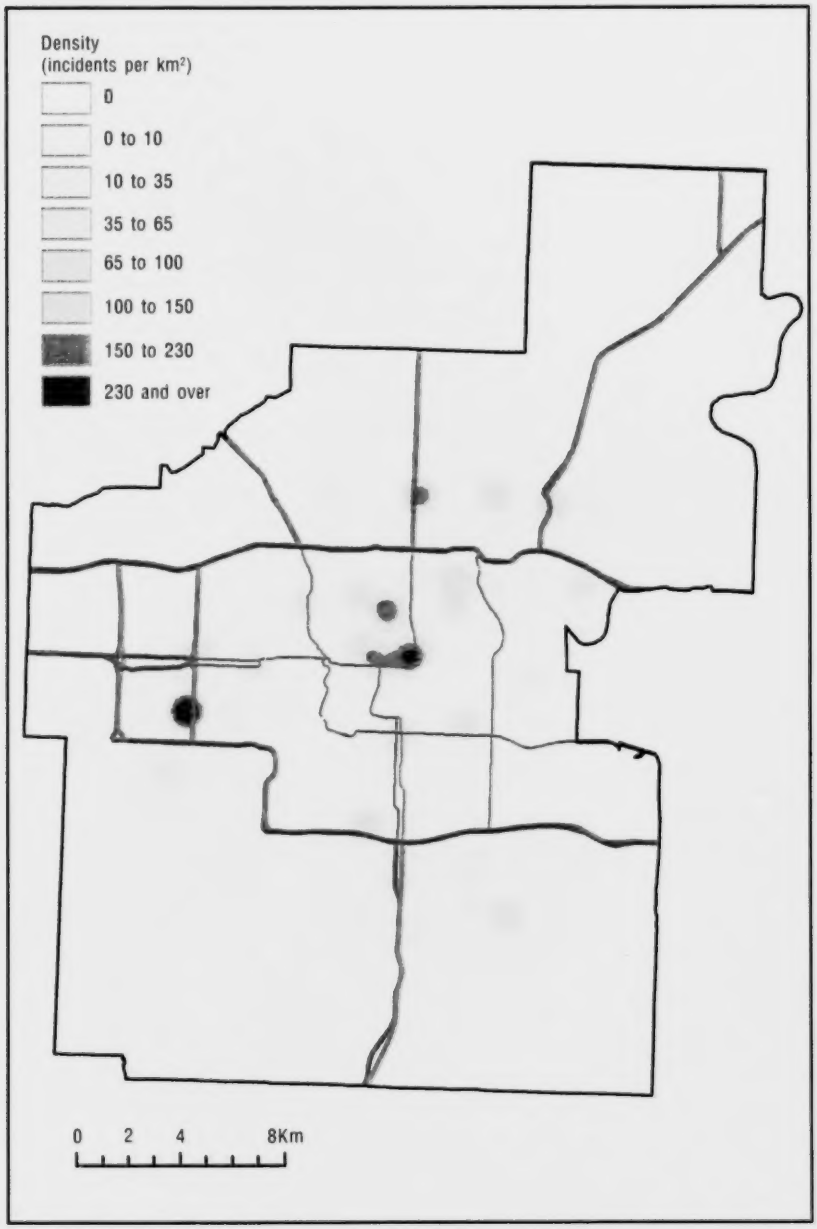


Based on 19,451 theft $5,000 and under offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.15

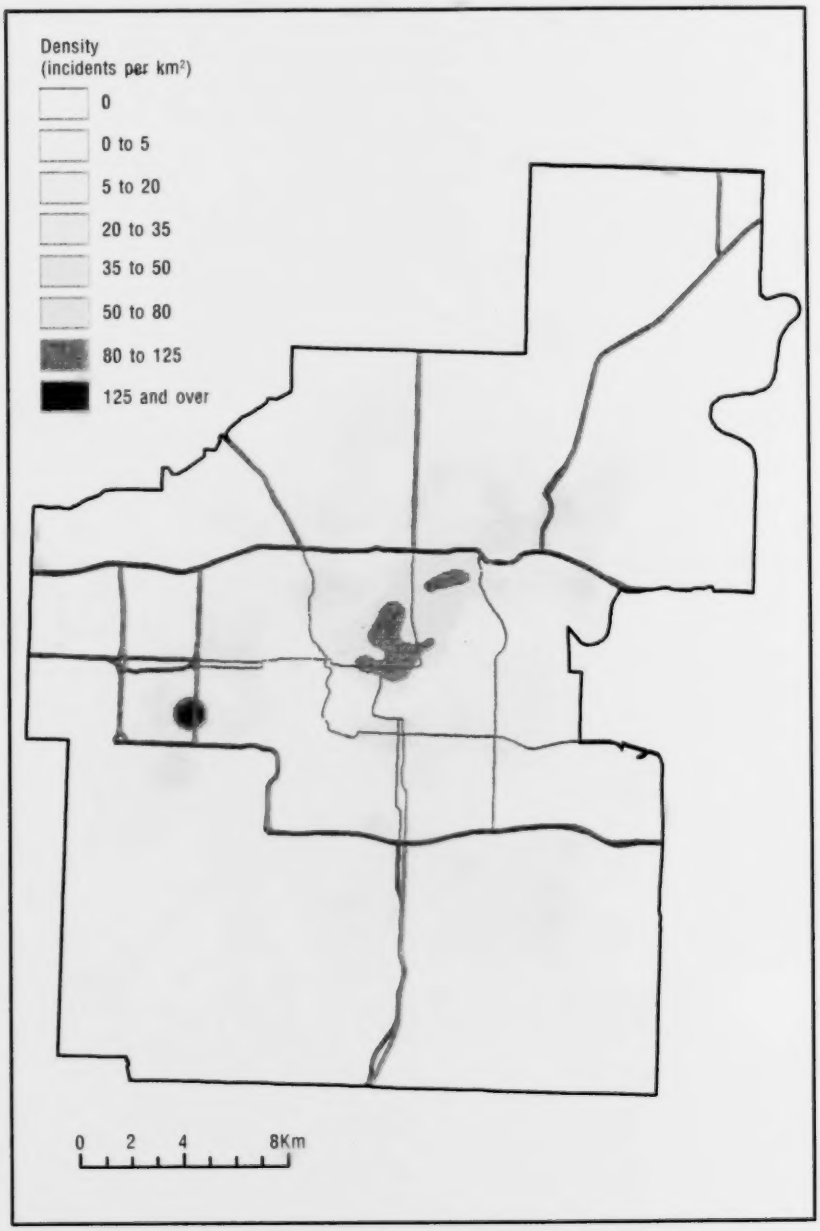
Kernel density distribution of shoplifting offences, Edmonton, 2001



Based on 3,907 shoplifting offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

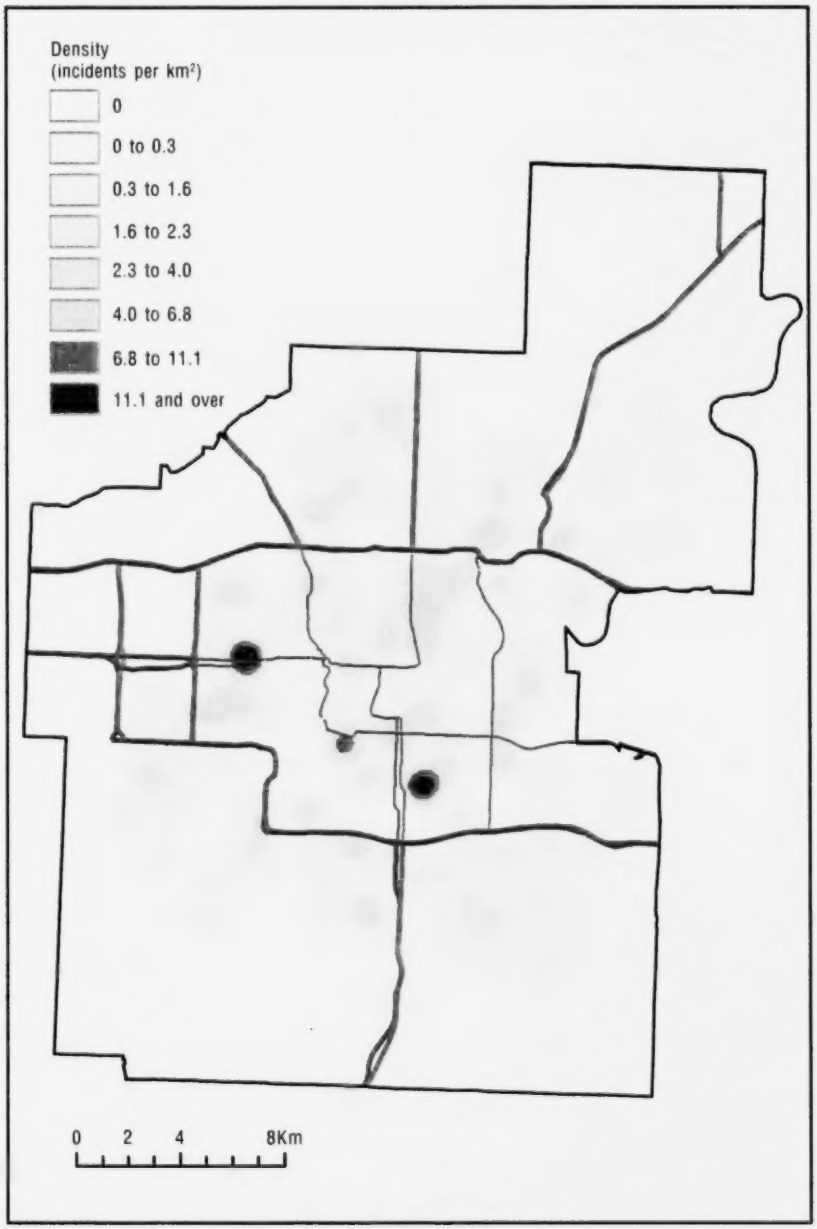
Map 1.16
Kernel density distribution of car theft offences, Edmonton, 2001



Based on 6,338 car theft offences.
Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.17

Kernel density distribution of arson offences, Edmonton, 2001

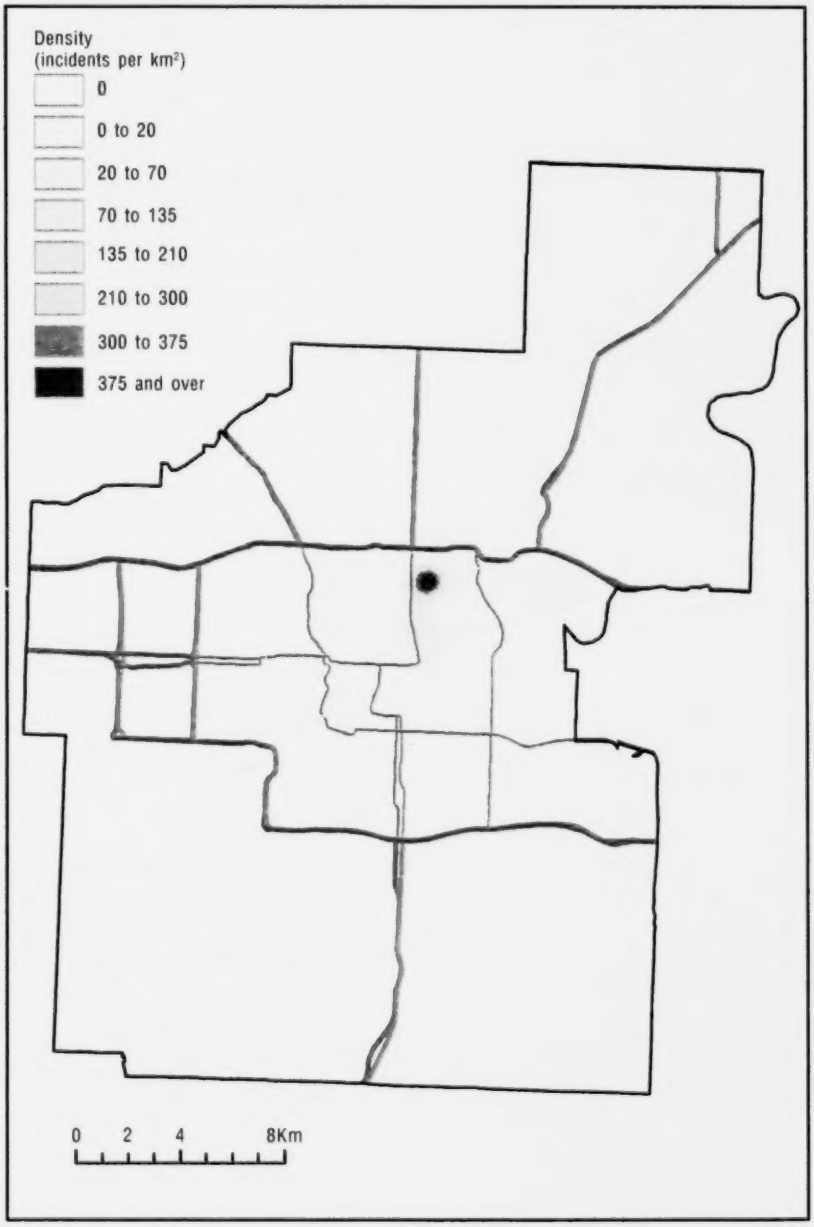


Based on 338 arson offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.18

Kernel density distribution of prostitution offences, Edmonton, 2001

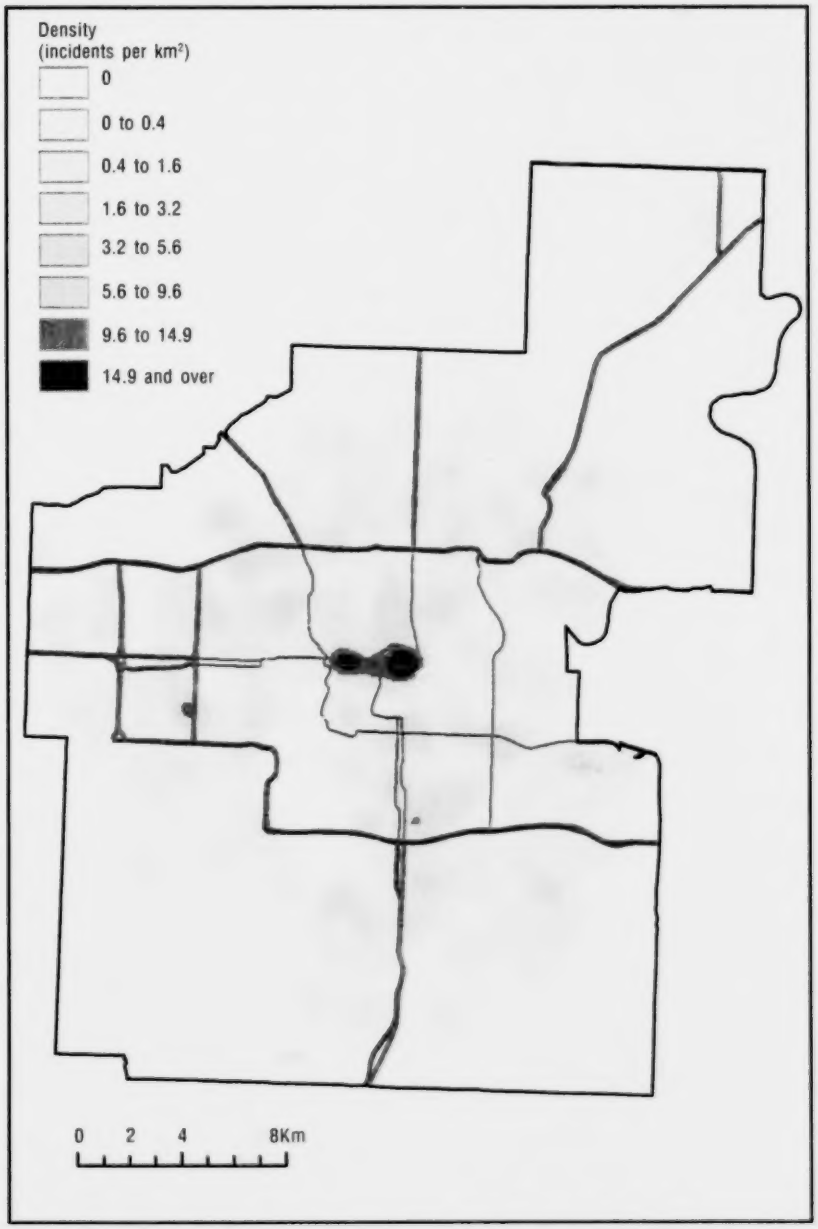


Based on 863 prostitution offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.19

Kernel density distribution of theft over $5,000 offences, Edmonton, 2001

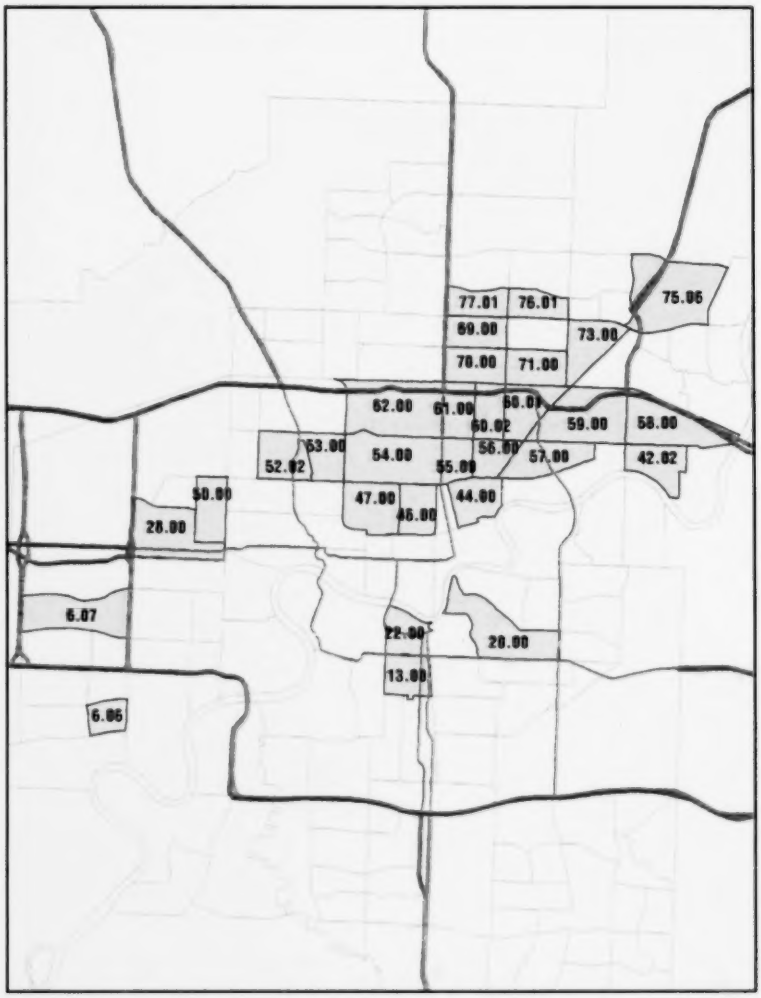


Based on 568 theft over $5,000 offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 1.20

The 30 census tracts with the highest crime rate, Edmonton, 2001



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Appendix 2

Neighbourhood characteristics and the distribution of crime in Halifax

Table 2.1

Characteristics of the census tracts with the highest crime rate, Halifax, 2001, reported incidents and population at risk

	Residential population	Employed population	Density (population Population at risk	at risk/ sq km)	Violent incidents	Rate (per 1,000)	Property incidents	Rate (per 1,000)
Census tracts		number		density	number	rate	number	rate
Total	359,168	131,860	491,028	82	4,411	9.0	16,596	33.8
2.00	5,460	978	6,438	525	181	28.1	393	61.0
3.00	2,844	1,895	4,739	2,002	33	7.0	247	52.1
4.01	3,253	2,878	6,131	14,545	37	6.0	184	30.0
4.02	4,379	1,365	5,744	11,955	74	12.9	312	54.3
6.00	3,153	3,862	7,015	6,681	34	4.8	221	31.5
7.00	1,644	11,778	13,422	11,480	55	4.1	197	14.7
8.00	2,266	9,033	11,299	22,625	169	15.0	660	58.4
9.00	1,738	18,603	20,341	31,814	321	15.8	957	47.0
10.00	4,943	2,947	7,890	9,460	325	41.2	453	57.4
11.00	6,012	2,001	8,013	9,933	81	10.1	565	70.5
12.00	2,685	1,219	3,904	7,474	41	10.5	216	55.3
15.00	4,779	1,079	5,858	2,855	128	21.9	468	79.9
18.00	3,710	4,379	8,089	5,864	114	14.1	623	77.0
20.00	2,787	6,763	9,550	9,432	86	9.0	416	43.6
21.00	3,197	689	3,886	4,513	98	25.2	370	95.2
22.00	5,390	4,243	9,633	3,391	81	8.4	391	40.6
24.00	5,822	704	6,526	2,988	143	21.9	327	50.1
25.01	5,005	915	5,920	5,599	105	17.7	387	65.4
25.03	5,282	751	6,033	2,405	67	11.1	378	62.7
100.00	3,126	4,283	7,409	1,034	168	22.7	303	40.9
102.00	4,037	2,631	6,668	4,279	81	12.1	370	55.5
103.00	4,254	1,146	5,400	2,622	92	17.0	331	61.3
104.01	2,179	2,401	4,580	3,657	93	20.3	693	151.3
106.01	3,939	447	4,386	2,323	107	24.4	550	125.4
109.00	3,373	408	3,781	2,968	35	9.3	280	74.1
110.00	1,779	2,207	3,986	4,882	89	22.3	205	51.4
111.00	3,352	1,054	4,406	4,571	108	24.5	349	79.2
112.00	2,407	956	3,363	2,062	121	36.0	218	64.8
113.00	899	3,407	4,306	1,390	30	7.0	116	26.9
114.00	7,045	16,037	23,082	1,212	322	14.0	772	33.4

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 2.2

Characteristics of the census tracts with the highest crime rate, Halifax, 2001, reported incidents

	Sexual offences	Arson offences	Theft Assault offences	Theft under $5,000	Shop-lifting $5,000 and over	Robbery offences	Mischief offences	Drug incidents	Motor vehicle theft offences	Break and enter offences	Prosti-tution offences	Homicides (including attempts)
Census tracts	number											
Total	250	86	2,408	7,335	84	194	539	2,844	362	1,403	2,544	92	7
2.00	5	5	118	103	1	0	8	95	31	20	128	0	0
3.00	2	1	21	156	1	0	1	39	2	7	36	1	0
4.01	3	1	16	69	0	6	5	33	0	3	27	1	0
4.02	6	5	38	132	1	2	7	63	2	11	54	0	0
6.00	6	0	15	118	2	0	5	42	2	14	37	0	0
7.00	2	0	27	116	1	0	12	42	7	9	18	0	0
8.00	9	7	98	301	6	21	27	102	17	24	87	3	1
9.00	17	3	211	509	8	9	33	178	59	35	87	5	1
10.00	15	1	163	199	1	2	72	117	20	28	90	36	0
11.00	4	2	41	274	0	8	22	74	5	33	92	0	0
12.00	6	0	21	104	0	2	6	46	0	13	36	0	0
15.00	7	8	70	222	4	2	8	79	5	44	70	0	0
18.00	2	2	56	204	3	29	29	52	11	46	51	0	0
20.00	7	4	37	195	2	4	14	52	7	30	79	8	0
21.00	3	2	60	163	3	0	11	61	2	29	81	1	0
22.00	1	5	40	140	1	3	10	96	11	37	89	0	0
24.00	9	2	90	125	1	2	7	65	11	38	65	1	0
25.01	6	0	61	171	3	8	9	51	3	27	63	0	0
25.03	2	1	35	162	1	1	2	69	1	57	74	0	1
100.00	12	4	94	121	0	1	7	59	26	23	69	1	0
102.00	3	2	41	160	1	2	11	66	13	45	57	1	0
103.00	9	0	42	128	1	3	10	63	5	57	50	0	0
104.01	3	0	49	275	3	22	28	49	5	48	29	0	0
106.01	6	2	52	175	2	22	15	51	5	53	29	0	0
109.00	1	0	20	136	3	0	3	52	1	34	46	1	1
110.00	9	0	45	95	1	0	14	37	4	27	15	3	0
111.00	3	2	61	161	2	3	21	46	8	38	42	10	0
112.00	13	3	68	93	1	1	12	37	9	30	46	1	1
113.00	3	2	14	51	1	2	3	9	2	19	21	0	0
114.00	19	1	181	292	6	6	27	154	15	95	154	0	1

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 2.3

Characteristics of the census tracts with the highest crime rate, Halifax, 2001, demographic data

	Ratio of male to female	Population aged 15 and under	Population aged 65 and over	Males 15 to 24	Population single, never married	Female-headed lone-parent families	Population living alone	Common-law	Aboriginal	immigrants, 1991 to 2001	Recent Visible minority population
Census tracts	ratio					percentage					
Total	0.93	18.4	11.0	6.7	34.5	14.2	26.0	8.4	1.0	2.1	7.0
2.00	0.92	18.3	13.4	5.6	35.2	20.2	11.3	9.6	2.6	2.1	6.0
3.00	0.97	13.4	10.6	13.9	50.2	10.5	14.0	6.7	0.4	2.6	15.8
4.01	1.03	2.6	6.6	14.3	72.6	4.2	37.5	12.8	0.9	8.7	14.4
4.02	0.82	5.9	13.5	10.7	58.4	7.4	32.8	10.6	0.8	6.9	15.5
6.00	0.81	14.6	14.9	9.4	45.3	11.3	17.3	4.2	0.5	1.3	6.7
7.00	0.84	1.5	41.8	6.4	44.1	9.3	47.2	6.5	1.5	2.8	7.4
8.00	0.96	4.2	10.8	11.7	63.7	5.3	32.6	12.2	0.5	6.2	14.7
9.00	1.10	4.0	6.3	9.5	65.9	7.7	32.1	16.2	0.6	3.8	9.1
10.00	0.95	13.7	10.6	10.5	61.1	40.2	26.0	10.9	2.7	2.8	31.6
11.00	0.89	10.9	10.8	12.2	57.3	15.5	15.9	10.9	0.6	4.7	8.5
12.00	0.88	16.2	9.5	9.7	46.7	13.9	12.4	7.3	0.4	1.7	3.0
15.00	0.84	17.7	10.7	6.0	41.2	28.3	15.1	13.6	1.4	3.4	8.9
18.00	0.77	10.9	25.6	5.7	36.4	15.9	24.5	6.7	1.4	0.9	3.7
20.00	0.86	9.0	29.9	6.8	46.5	17.0	24.3	8.7	0.5	2.0	8.1
21.00	0.81	16.4	15.2	5.2	44.5	24.1	16.7	9.9	3.3	5.2	20.4
22.00	0.83	11.5	18.6	6.0	42.3	13.5	19.6	9.7	1.1	2.7	10.5
24.00	0.88	15.5	15.9	6.1	36.5	22.8	13.7	8.3	1.2	2.1	5.7
25.01	0.85	16.1	14.1	7.3	39.5	19.9	13.5	8.7	1.9	7.2	11.2
25.03	0.82	14.2	10.3	8.0	47.4	22.5	17.2	12.4	0.9	9.2	13.7
100.00	0.87	17.7	15.0	5.1	36.6	27.6	11.2	8.7	1.6	0.9	2.5
102.00	0.86	16.0	13.9	6.3	39.7	21.3	18.8	11.1	1.2	0.6	6.2
103.00	0.89	19.4	12.1	6.4	33.5	22.2	9.5	7.4	2.0	0.5	9.3
104.01	0.90	12.8	25.0	5.5	24.3	10.6	9.6	5.0	0.7	1.9	2.4
106.01	0.92	22.7	6.7	7.0	35.8	26.4	9.5	8.2	1.2	1.9	12.0
109.00	0.82	13.1	22.3	5.6	33.6	16.9	22.8	6.8	2.7	1.6	5.8
110.00	0.77	15.7	16.6	6.7	43.2	43.4	27.2	10.0	0.7	3.1	18.6
111.00	0.90	13.7	12.5	6.1	44.0	26.0	20.2	13.9	2.6	0.6	7.5
112.00	1.03	19.5	7.3	7.1	44.8	30.4	18.1	13.7	4.5	1.0	12.7
113.00	1.00	34.4	1.1	6.7	33.9	28.6	1.7	13.6	0.0	2.2	10.6
114.00	0.93	15.5	5.7	7.0	51.6	31.1	24.2	16.8	3.6	1.7	11.7

Source: Statistics Canada, Census, 2001.

Table 2.4

Characteristics of the census tracts with the highest crime rate, Halifax, 2001, dwelling data

	Owner-occupied households	Dwellings in need of major repair	Housing built before 1961	Housing built after 1990	Recent movers (past year different address)	Households spending 30% or more on shelter	Average dwelling value
Census tracts			percentage				dollars
Total	61.7	7.6	27.5	16.9	16.8	24.7	134,286
2.00	56.3	9.3	39.4	9.3	16.6	13.0	148,720
3.00	44.5	7.3	45.3	9.3	27.2	15.2	390,864
4.01	5.7	8.5	33.7	8.7	43.8	32.6	206,525
4.02	14.8	7.1	33.4	8.6	37.8	30.1	253,003
6.00	56.5	8.0	72.1	0.7	18.0	12.1	273,070
7.00	26.2	6.9	17.3	1.0	27.1	30.9	186,147
8.00	22.8	7.1	38.8	25.4	39.1	23.4	199,950
9.00	15.8	7.7	35.9	2.9	38.6	23.2	139,542
10.00	10.5	9.5	32.1	2.9	31.4	28.4	116,001
11.00	37.8	9.4	69.2	2.6	31.9	17.7	171,720
12.00	51.4	19.7	88.5	0.9	22.0	12.4	246,606
15.00	36.7	9.2	22.5	12.8	24.5	16.2	83,717
18.00	44.3	4.9	57.5	0.5	11.5	16.4	172,525
20.00	28.8	14.0	69.3	6.0	26.6	22.8	130,434
21.00	50.8	8.6	75.7	1.3	15.8	15.1	139,101
22.00	55.9	7.9	49.2	9.0	17.4	14.2	113,997
24.00	47.3	8.1	47.5	2.1	13.4	13.1	120,871
25.01	45.8	10.3	8.4	1.9	25.2	15.8	126,224
25.03	13.9	4.5	2.3	20.5	31.1	18.6	156,171
100.00	55.0	13.0	42.0	3.8	17.5	11.4	74,610
102.00	46.0	9.6	64.1	4.1	23.8	15.4	139,396
103.00	67.1	6.5	27.3	1.2	16.1	11.5	129,704
104.01	90.4	5.6	37.3	1.1	3.8	6.5	97,579
106.01	48.9	10.5	13.1	5.2	22.2	11.9	123,232
109.00	47.8	9.8	55.2	2.4	14.3	15.3	123,371
110.00	19.4	8.9	52.4	0.0	18.2	22.9	108,092
111.00	41.8	9.5	53.7	1.8	22.6	15.9	85,980
112.00	26.3	16.2	35.5	1.3	35.6	18.4	86,970
113.00	7.1	16.1	46.4	0.0	25.0	9.4	163,851
114.00	9.6	4.8	11.2	17.2	35.2	20.7	117,946

Source: Statistics Canada, Census, 2001.

Table 2.5
Characteristics of the census tracts with the highest crime rate, Halifax, 2001, socio-economic data

	Unemployment rate	Without high school diploma	Bachelor's degree or higher	Average individual income	Average household income	With a Median household income	Part of government transfers in total income	Population in house-holds with low income
Census tracts		percentage			dollars			percentage
Total	7.2	22.3	25.6	30,616	56,361	45,946	10.8	15.5
2.00	8.6	22.9	21.9	27,091	49,841	35,055	14.5	25.2
3.00	9.1	8.0	54.3	48,201	91,082	50,133	5.4	18.9
4.01	10.2	4.3	49.6	22,998	34,972	26,557	8.6	37.3
4.02	7.5	7.0	52.5	31,326	47,322	27,781	8.5	37.6
6.00	9.1	5.1	61.6	44,923	83,362	54,506	6.6	16.7
7.00	8.5	7.3	45.1	39,446	54,278	33,591	15.1	23.3
8.00	4.7	4.0	52.3	34,439	54,076	40,358	7.4	27.6
9.00	4.7	7.2	43.8	28,862	44,327	34,043	8.0	25.2
10.00	11.7	18.7	24.1	18,072	27,209	19,559	18.9	53.1
11.00	8.0	6.7	41.9	26,446	48,957	38,680	8.7	28.0
12.00	5.7	3.7	58.8	35,291	70,373	54,827	6.0	15.3
15.00	10.4	24.2	12.7	21,531	37,175	32,256	17.4	29.6
18.00	8.2	15.4	33.9	31,157	51,427	40,823	15.4	16.8
20.00	9.6	15.3	26.5	22,349	34,572	27,281	18.3	31.6
21.00	5.9	26.2	25.8	26,165	44,523	37,417	13.7	26.8
22.00	8.6	20.0	19.3	27,644	47,495	39,470	15.4	21.2
24.00	9.2	19.4	14.1	23,908	43,203	38,551	16.9	20.7
25.01	8.3	14.9	23.9	24,780	44,814	35,023	14.7	26.6
25.03	7.6	14.7	25.5	23,630	40,076	33,321	14.8	27.9
100.00	11.1	27.8	7.7	21,340	39,052	35,032	18.3	31.2
102.00	6.7	14.3	24.1	28,283	47,574	38,388	13.5	21.2
103.00	5.4	19.1	25.5	29,700	57,120	48,644	11.8	16.7
104.01	8.2	18.2	13.6	26,876	53,896	50,884	18.6	6.5
106.01	6.2	19.0	17.0	25,214	47,492	38,649	13.9	28.1
109.00	5.5	16.2	23.4	27,333	45,278	37,261	17.4	20.2
110.00	8.6	21.0	15.1	19,018	27,572	21,032	31.7	43.0
111.00	12.8	18.8	12.6	22,580	37,444	31,401	18.6	24.4
112.00	8.7	28.0	5.3	21,432	32,781	24,493	19.3	44.1
113.00	12.5	16.2	9.5	23,434	42,720	46,465	12.1	25.0
114.00	8.1	21.2	10.0	21,107	31,845	26,641	15.8	33.3

Source: Statistics Canada, Census, 2001.

Table 2.6

Characteristics of the census tracts with the highest crime rate, Halifax, 2001, zoning data

	Residential (single-family)	Residential (multiple-family)	Mixed	Commercial	Industrial	Institutional	Other usage
Census tracts				percentage			
Total	18.5	12.9	0.4	4.4	19.4	13.1	31.2
2.00	20.7	6.4	0.0	0.3	0.0	6.5	66.0
3.00	22.1	2.4	0.8	12.8	16.0	45.8	0.0
4.01	0.0	25.4	10.8	44.3	15.2	4.3	0.0
4.02	2.0	64.5	1.2	3.7	0.0	28.7	0.0
6.00	19.4	31.2	0.1	0.1	0.0	49.2	0.0
7.00	0.0	5.6	0.1	0.6	0.0	93.7	0.0
8.00	0.0	8.3	8.3	53.9	0.0	29.4	0.0
9.00	0.0	12.4	0.0	76.3	6.1	2.1	3.1
10.00	0.0	37.0	1.8	13.6	32.8	14.8	0.0
11.00	2.6	80.1	0.0	9.8	0.0	7.4	0.0
12.00	19.7	64.4	0.4	11.1	0.0	4.4	0.0
15.00	20.8	46.8	0.2	10.3	0.0	21.9	0.0
18.00	35.9	20.9	0.0	28.3	0.0	14.9	0.0
20.00	4.8	10.8	0.0	37.6	20.5	26.3	0.0
21.00	8.6	48.0	0.0	4.2	22.1	17.1	0.0
22.00	1.0	27.4	0.0	24.8	34.9	12.0	0.0
24.00	14.4	44.0	0.1	2.2	0.0	7.9	31.5
25.01	40.1	42.7	0.0	3.6	0.0	13.6	0.0
25.03	1.7	22.6	0.0	9.8	2.4	63.6	0.0
100.00	0.7	10.3	0.0	1.7	73.5	8.1	5.7
102.00	19.2	39.2	0.0	17.3	11.8	12.5	0.0
103.00	35.2	40.6	0.0	16.7	0.0	7.5	0.0
104.01	66.1	3.2	0.0	27.5	0.0	3.2	0.0
106.01	42.1	22.3	0.0	2.9	1.2	24.0	7.4
109.00	30.1	26.3	0.0	1.8	0.0	41.9	0.0
110.00	0.0	26.5	10.4	8.4	11.6	43.0	0.0
111.00	30.4	22.0	16.2	7.6	17.2	6.6	0.0
112.00	1.0	27.9	1.7	13.3	19.5	1.9	34.7
113.00	0.0	0.0	0.0	0.0	84.7	0.0	15.3
114.00	2.1	2.3	0.0	0.8	88.0	6.8	0.0

Source: City of Halifax Zoning Data.

Table 2.7

Bivariate correlations of independent variables, census tracts in Halifax, 2001

		1	2	3	4	5	6	7	8	9
1	Violent crime rate	1	...	...	...	...	...	...	...	...
2	Property crime rate	0.880**	1	...	...	...	...	...	...	...
3	Male-female ratio	0.407**	0.339*	1	...	...	...	...	...	...
4	Percentage of the population aged 15 and under	-0.314*	-0.403**	0.153	1	...	...	...	...	...
5	Percentage of the population aged 65 and over	-0.088	0.037	-0.593**	-0.484**	1	...	...	...	...
6	Percentage of males aged 15 to 24	0.162	0.191	0.389**	-0.380**	-0.359**	1	...	...	...
7	Percentage of the population identifying as Aboriginal	0.245	0.039	0.040	0.028	-0.067	-0.155	1	...	...
8	Percentage who have immigrated since 1991	0.185	0.169	0.003	-0.257	-0.198	0.337*	0.108	1	...
9	Percentage belonging to a visible minority	0.282*	0.100	0.052	-0.157	-0.209	0.448**	0.348*	0.589**	1
10	Percent of population who have moved in the past year	0.428**	0.328*	0.293*	-0.482**	-0.267	0.615**	0.212	0.560**	0.524**
11	Percent of the population aged 20 years and over without a secondary school certificate	0.038	-0.174	-0.104	0.457**	-0.007	-0.553**	0.536**	0.014	0.143
12	Percentage of the population aged 20 or older with a Bachelors degree	-0.088	0.077	-0.040	-0.493**	0.088	0.528**	-0.442**	-0.026	-0.088
13	Percent single, never legally married	0.496**	0.413**	0.203	-0.613**	-0.214	0.750**	0.198	0.539**	0.595**
14	Percent living alone	0.460**	0.427**	-0.124	-0.842**	0.385**	0.347*	0.229	0.291*	0.369**
15	Percent lone-parent mother families	0.206	-0.061	-0.148	0.370**	-0.163	-0.214	0.529**	0.099	0.451**
16	Percent of households spending 30% of their income or more on shelter	0.466**	0.356*	-0.030	-0.675**	0.178	0.483**	0.311*	0.452**	0.590**
17	Unemployment rate	[illegible]137	0.019	-0.023	0.005	0.065	0.102	0.277*	0.174	0.325*
18	Median household income in $	[illegible]420**	-0.240	0.104	0.296*	-0.070	-0.097	-0.517**	-0.413**	-0.519**
19	Percentage of households with [illegible]	[illegible]448**	0.200	0.043	-0.187	-0.148	0.357*	0.521**	0.479**	0.728**
20	Percent of government transfers in total income	[illegible]2	0.065	-0.326*	0.064	0.296*	-0.367**	0.459**	0.079	0.285*
21	Percent of owner-occupied households	-0.409**	-0.232	-0.185	0.204	0.301*	-0.449**	-0.257	-0.570**	-0.623**
22	Percent of private dwellings in need of major repairs	0.200	0.099	0.146	0.195	-0.153	0.160	0.206	-0.074	0.096
23	Average value of dwelling in $1000s	-0.239	-0.081	0.013	-0.217	-0.033	0.549**	-0.419**	-0.048	-0.036
24	Percent of dwellings built after 1990	-0.201	-0.166	0.013	-0.046	-0.099	-0.124	-0.138	0.241	-0.039
25	Percent of dwellings built before 1961	-0.004	0.076	-0.238	-0.102	0.158	0.116	-0.077	-0.261	-0.146
26	Proportion of neighbourhod zoned for single-family dwellings	-0.369**	-0.186	-0.121	0.209	0.129	-0.272	-0.310*	-0.366**	-0.394**
27	Proportion of neighbourhood zoned for multiple-family dwellings	-0.116	-0.152	-0.341*	-0.165	-0.055	0.210	0.081	0.236	0.256

Table 2.7

Bivariate correlations of independent variables, census tracts in Halifax, 2001 (continued)

		10	11	12	13	14	15	16	17	18
1	Violent crime rate	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...
3	Male-female ratio	...	...	...	...	...	...	...	...	...
4	Percentage of the population aged 15 and under	...	...	...	...	...	...	...	...	...
5	Percentage of the population aged 65 and over	...	...	...	...	...	...	...	...	...
6	Percentage of males aged 15 to 24	...	...	...	...	...	...	...	...	...
7	Percentage of the population identifying as Aboriginal	...	...	...	...	...	...	...	...	...
8	Percentage who have immigrated since 1991	...	...	...	...	...	...	...	...	...
9	Percentage belonging to a visible minority	...	...	...	...	...	...	...	...	...
10	Percent of population who have moved in the past year	1	...	...	...	...	...	...	...	...
11	Percent of the population aged 20 years and over without a secondary school certificate	-0.297*	1	...	...	...	...	...	...	...
12	Percentage of the population aged 20 or older with a Bachelors degree	0.236	-0.894**	1	...	...	...	...	...	...
13	Percent single, never legally married	0.857**	-0.324*	0.326*	1	...	...	...	...	...
14	Percent living alone	0.647**	-0.283*	0.281*	0.730**	1	...	...	...	...
15	Percent lone-parent mother families	0.048	0.703**	-0.709**	0.077	-0.012	1	...	...	...
16	Percent of households spending 30% of their income or more on shelter	0.770**	-0.143	0.133	0.827**	0.909**	0.212	1	...	...
17	Unemployment rate	0.252	0.288*	-0.301*	0.243	0.199	0.457**	0.395**	1	...
18	Median household income in $1000s	-0.516**	-0.416**	0.441**	-0.559**	-0.582**	-0.629**	-0.733**	-0.457**	1
19	Percentage of households with low income	0.631**	0.299*	-0.274	0.686**	0.530**	0.658**	0.784**	0.553**	-0.811**
20	Percent of government transfers in total income	-0.065	0.711**	-0.724**	-0.031	0.210	0.785**	0.313*	0.477**	-0.658**
21	Percent of owner-occupied households	-0.832**	0.041	0.042	-0.734**	-0.540**	-0.396**	-0.748**	-0.426**	0.642**
22	Percent of private dwellings in need of major repairs	0.186	0.144	-0.144	0.236	0.027	0.357*	0.203	0.373**	-0.281*
23	Average value of dwelling in $1000s	0.146	-0.747**	0.870**	0.193	0.066	-0.597**	0.009	-0.144	0.512**
24	Percent of dwellings built after 1990	0.149	-0.137	0.107	-0.118	-0.089	-0.309*	-0.154	-0.195	0.190
25	Percent of dwellings built before 1961	-0.092	-0.140	0.280*	0.172	0.097	0.027	0.049	0.070	0.037
26	Proportion of neighbourhod zoned for single-family dwellings	-0.576**	-0.127	0.151	-0.587**	-0.481**	-0.362**	-0.586**	-0.356*	0.616**
27	Proportion of neighbourhood zoned for multiple-family dwellings	0.217	-0.009	0.029	0.315*	0.139	0.227	0.251	0.009	-0.310*

Table 2.7

Bivariate correlations of independent variables, census tracts in Halifax, 2001 (concluded)

		19	20	21	22	23	24	25	26	27
1	Violent crime rate	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...
3	Male-female ratio	...	...	...	...	...	...	...	...	...
4	Percentage of the population aged 15 and under	...	...	...	...	...	...	...	...	...
5	Percentage of the population aged 65 and over	...	...	...	...	...	...	...	...	...
6	Percentage of males aged 15 to 24	...	...	...	...	...	...	...	...	...
7	Percentage of the population identifying as Aboriginal	...	...	...	...	...	...	...	...	...
8	Percentage who have immigrated since 1991	...	...	...	...	...	...	...	...	...
9	Percentage belonging to a visible minority	...	...	...	...	...	...	...	...	...
10	Percent of population who have moved in the past year	...	...	...	...	...	...	...	...	...
11	Percent of the population aged 20 years and over without a secondary school certificate	...	...	...	...	...	...	...	...	...
12	Percentage of the population aged 20 or older with a Bachelors degree	...	...	...	...	...	...	...	...	...
13	Percent single, never legally married	...	...	...	...	...	...	...	...	...
14	Percent living alone	...	...	...	...	...	...	...	...	...
15	Percent lone-parent mother families	...	...	...	...	...	...	...	...	...
16	Percent of households spending 30% of their income or more on shelter	...	...	...	...	...	...	...	...	...
17	Unemployment rate	...	...	...	...	...	...	...	...	...
18	Median household income in $1000s	...	...	...	...	...	...	...	...	...
19	Percentage of households with low income	1	...	...	...	...	...	...	...	...
20	Percent of government transfers in total income	0.568**	1	...	...	...	...	...	...	...
21	Percent of owner-occupied households	-0.761**	-0.235	1	...	...	...	...	...	...
22	Percent of private dwellings in need of major repairs	0.453**	0.225	-0.269	1	...	...	...	...	...
23	Average value of dwelling in $1000s	-0.260	-0.678**	0.018	-0.094	1	...	...	...	...
24	Percent of dwellings built after 1990	-0.305*	-0.285*	-0.036	-0.538**	0.082	1	...	...	...
25	Percent of dwellings built before 1961	0.074	0.022	0.120	0.485**	0.267	-0.505**	1	...	...
26	Proportion of neighbourhod zoned for single-family dwellings	-0.617**	-0.288*	0.644**	-0.301*	0.193	0.017	-0.080	1	...
27	Proportion of neighbourhood zoned for multiple-family dwellings	0.282*	0.084	-0.140	0.224	-0.110	-0.128	0.260	-0.226	1

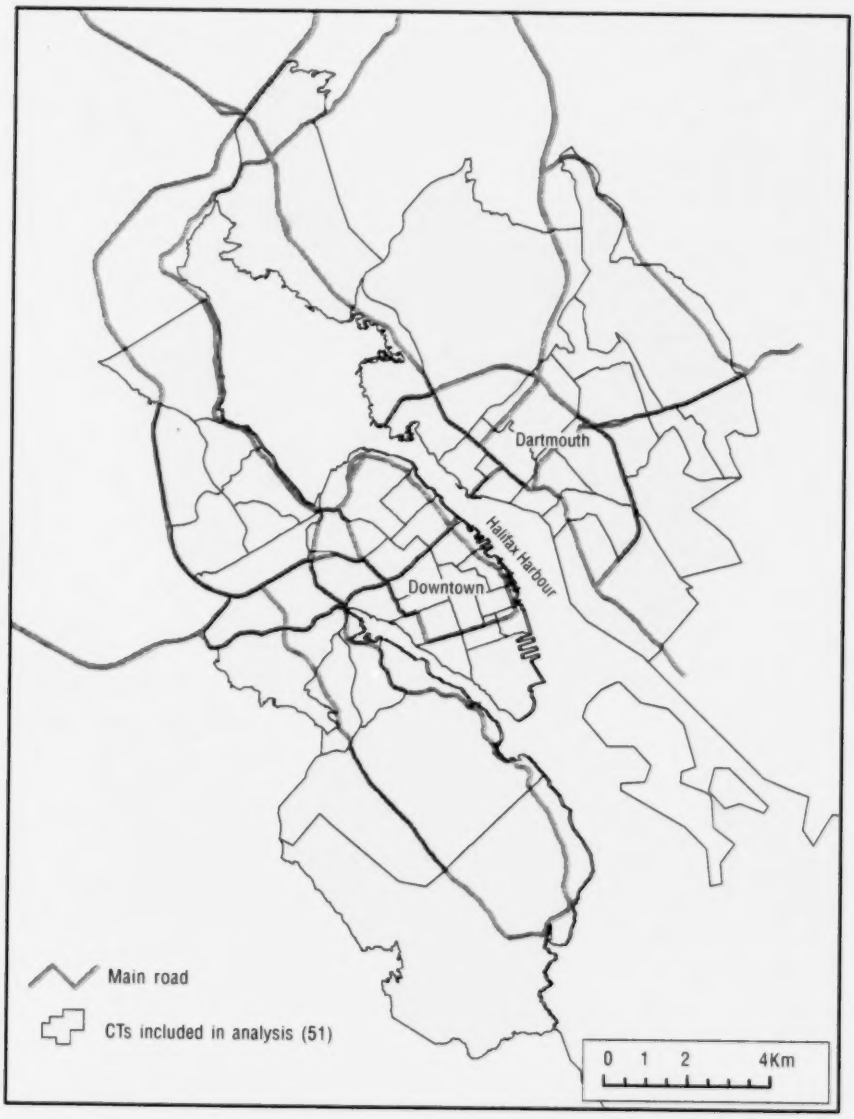
... not applicable

* Correlation is significant at the 0.05 level (2-tailed).

** Correlation is significant at the 0.01 level (2-tailed).

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime-Reporting Survey, geocoded database, 2001 and Census, 2001.

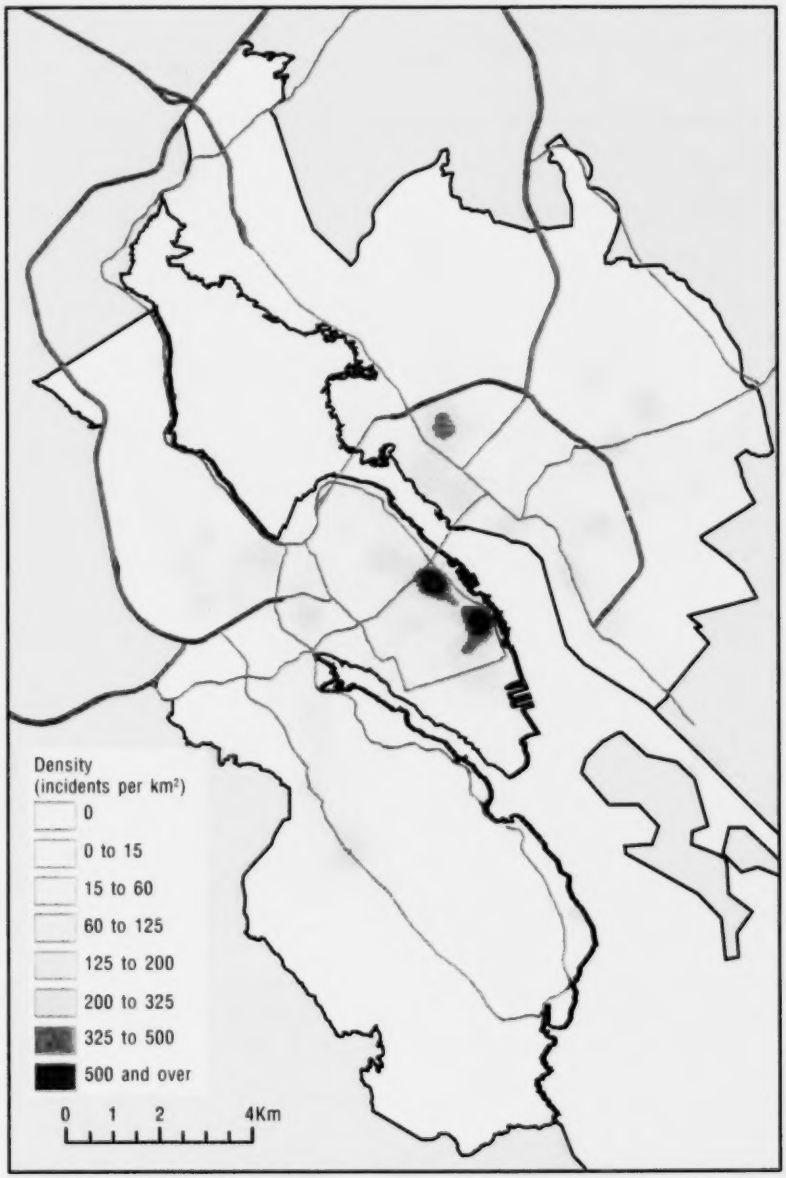
Map 2.1
Local context and census tracts (CTs), Halifax, 2001



Source: Statistics Canada, Census, 2001.

Map 2.2

Kernel density distribution of violent crime incidents, Halifax, 2001

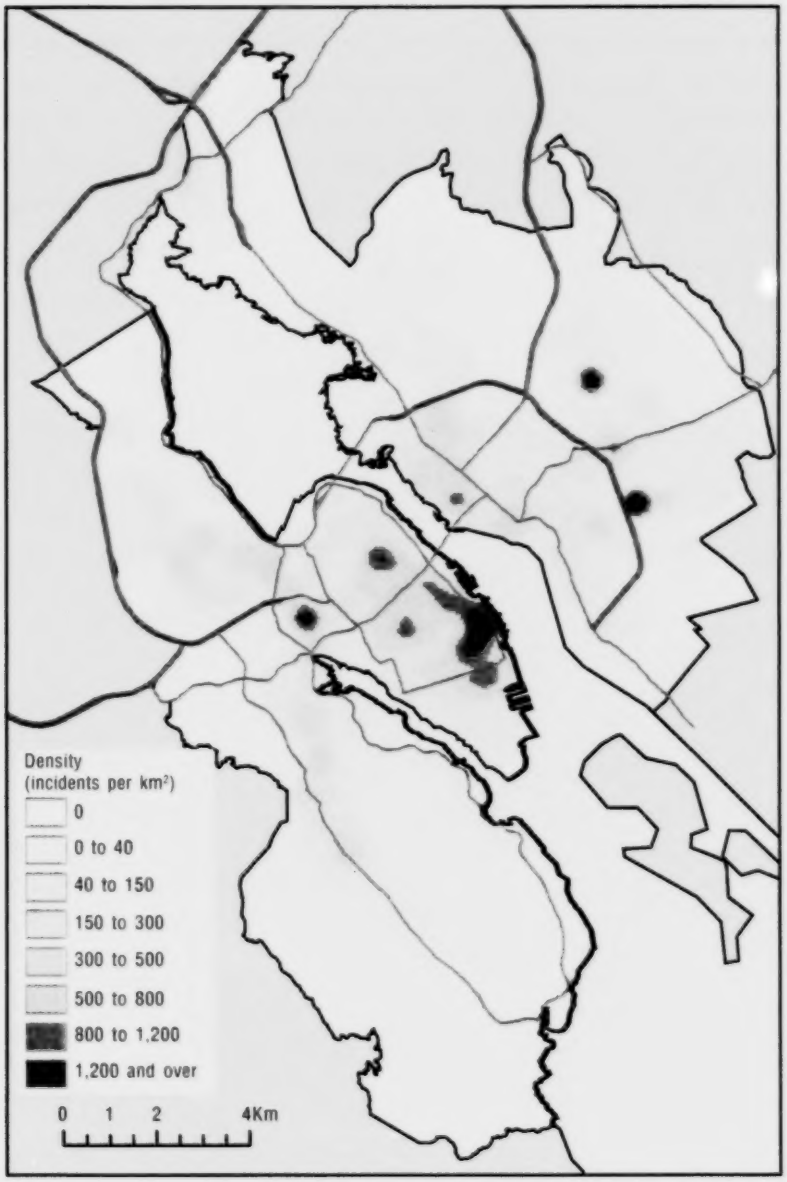


Based on 4, 276 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.3

Kernel density distribution of property crime incidents, Halifax, 2001

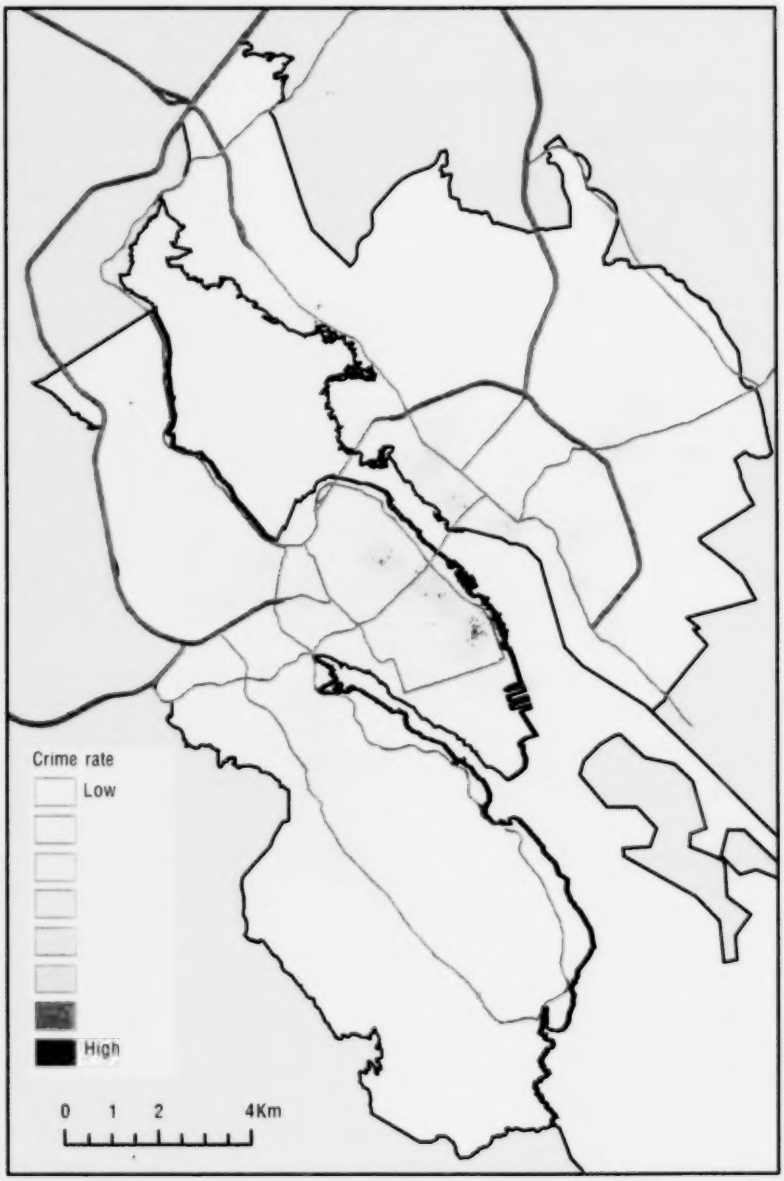


Based on 15,730 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.4

Kernel density distribution of violent crime incidents and population at risk, Halifax, 2001



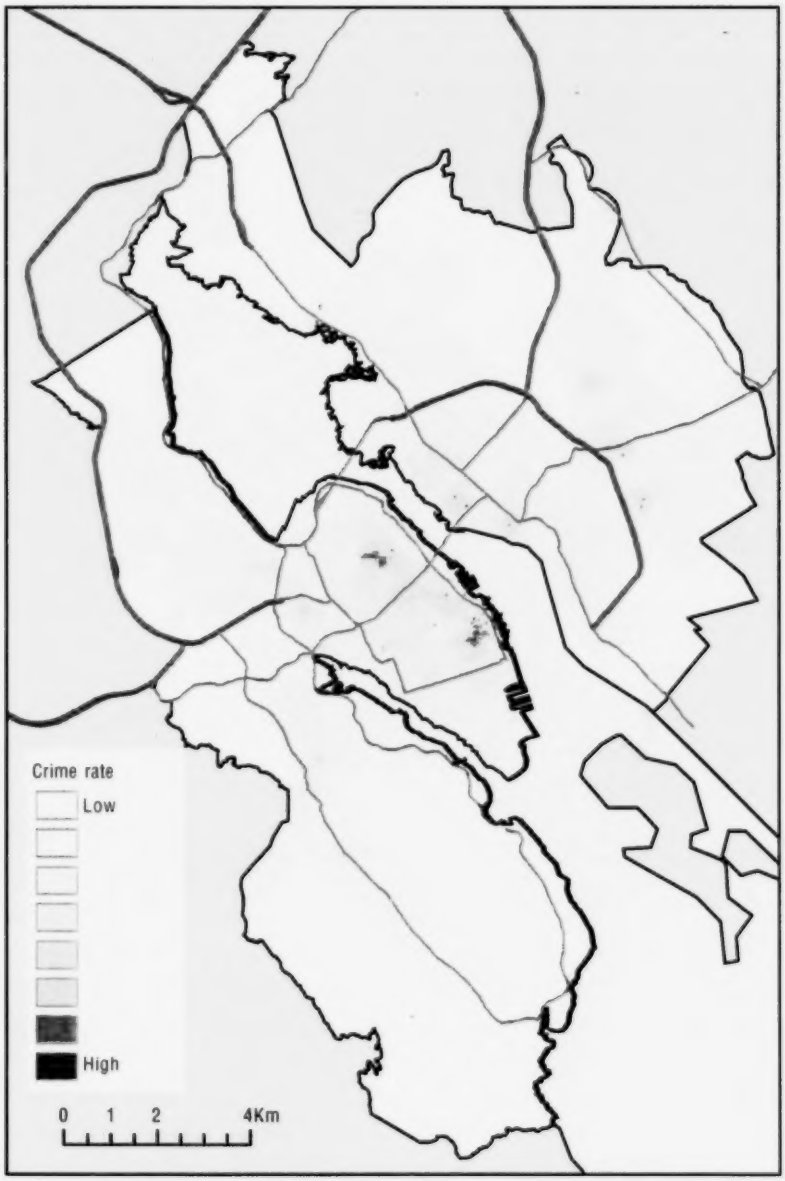
Based on 4,276 violent crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 2.5

Kernel density distribution of property crime incidents and population at risk, Halifax, 2001



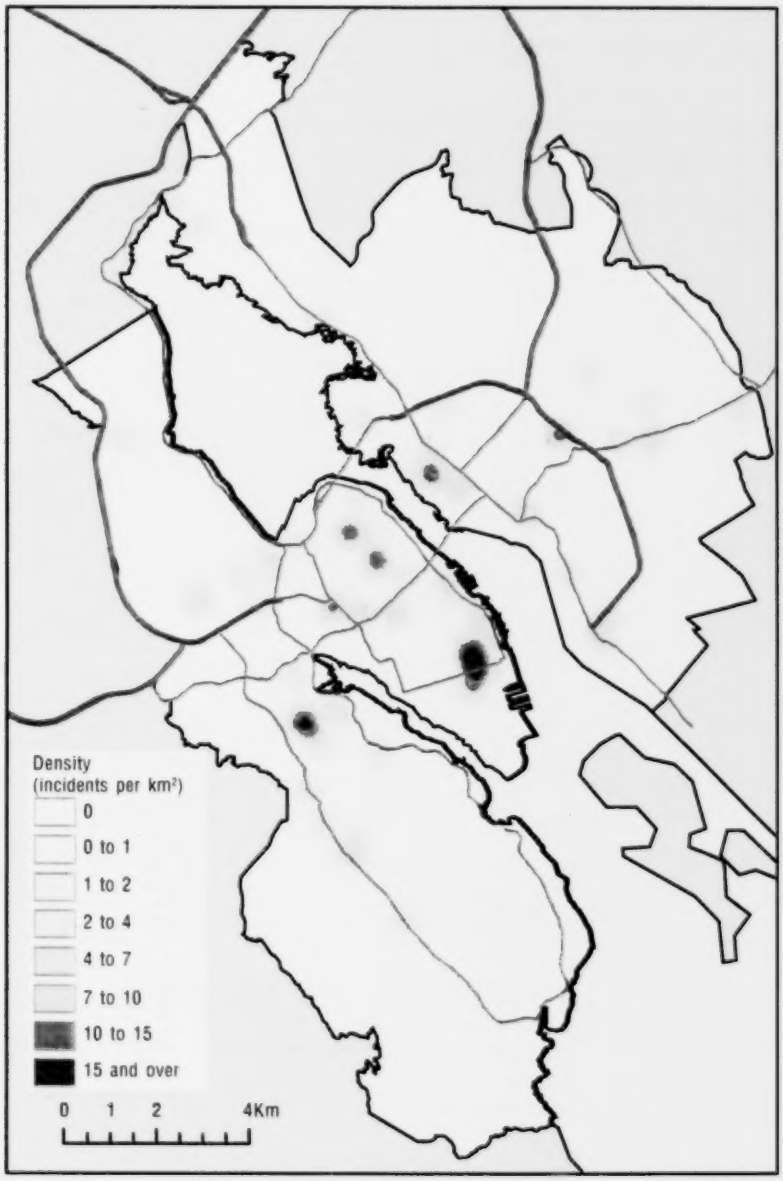
Based on 15,730 property crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 2.6

Kernel density distribution of arson offences, Halifax, 2001

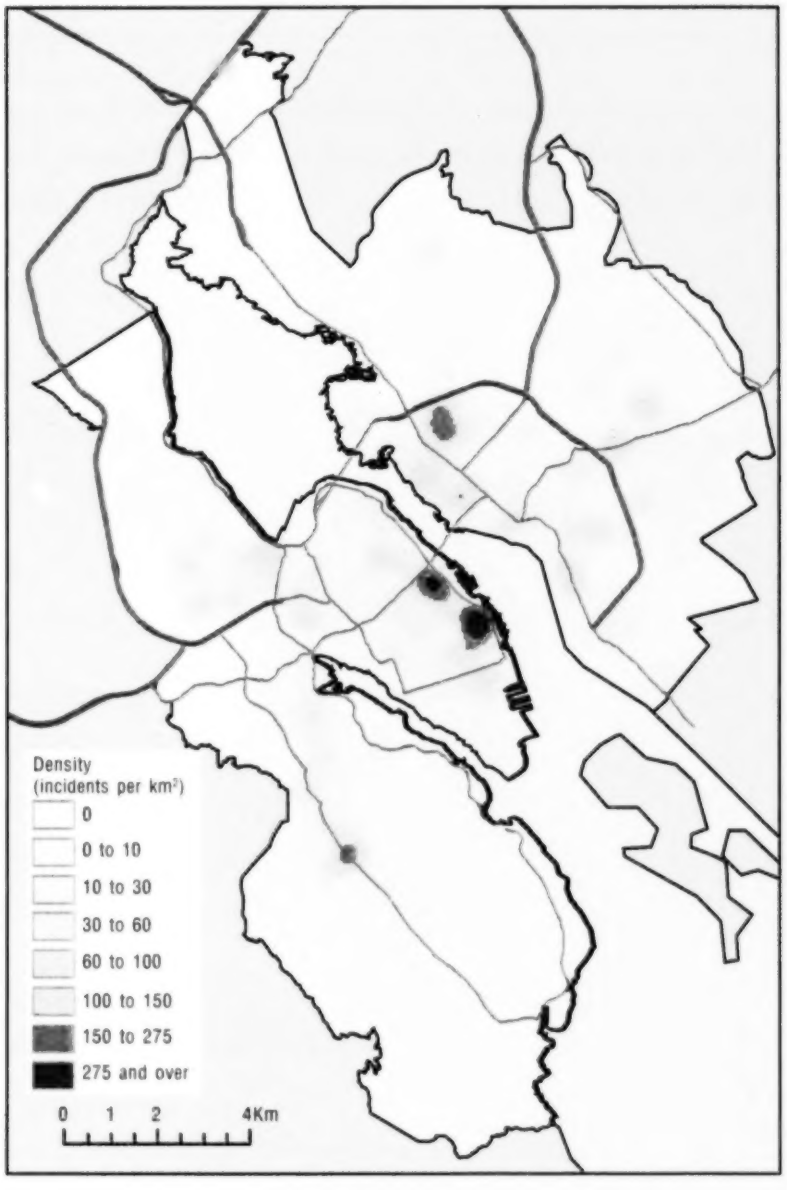


Based on 87 arson offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.7

Kernel density distribution of assault offences (level 1), Halifax, 2001

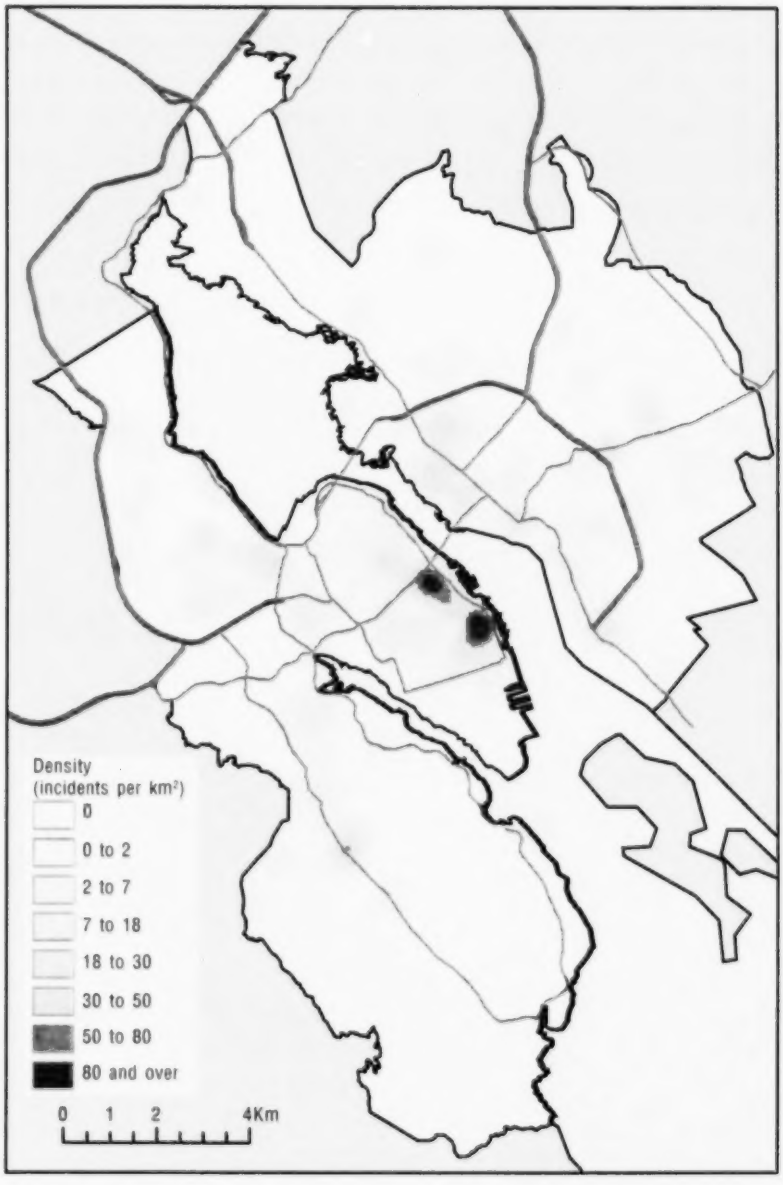


Based on 2,016 assault offences (level 1).

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.8

Kernel density distribution of assault offences (level 2 and 3), Halifax, 2001

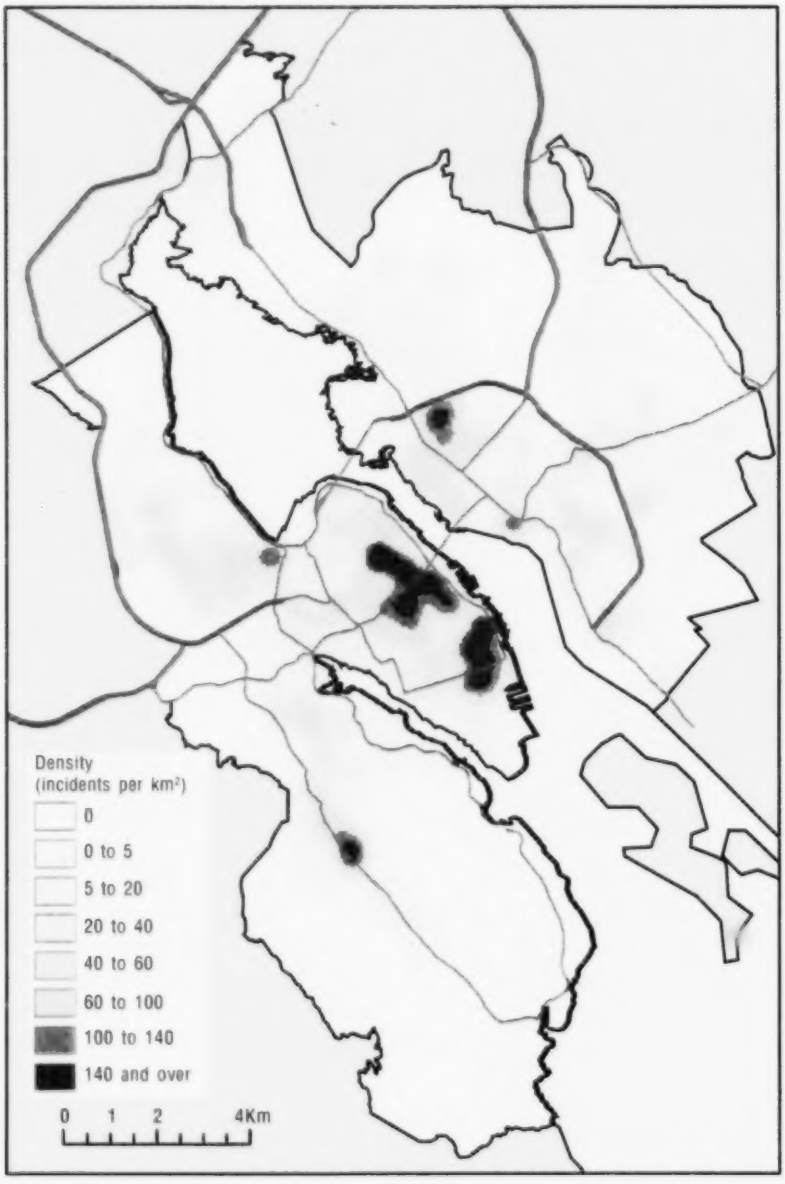


Based on 410 assault offences (level 2 and 3).

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.9

Kernel density distribution of break and enter offences, Halifax, 2001

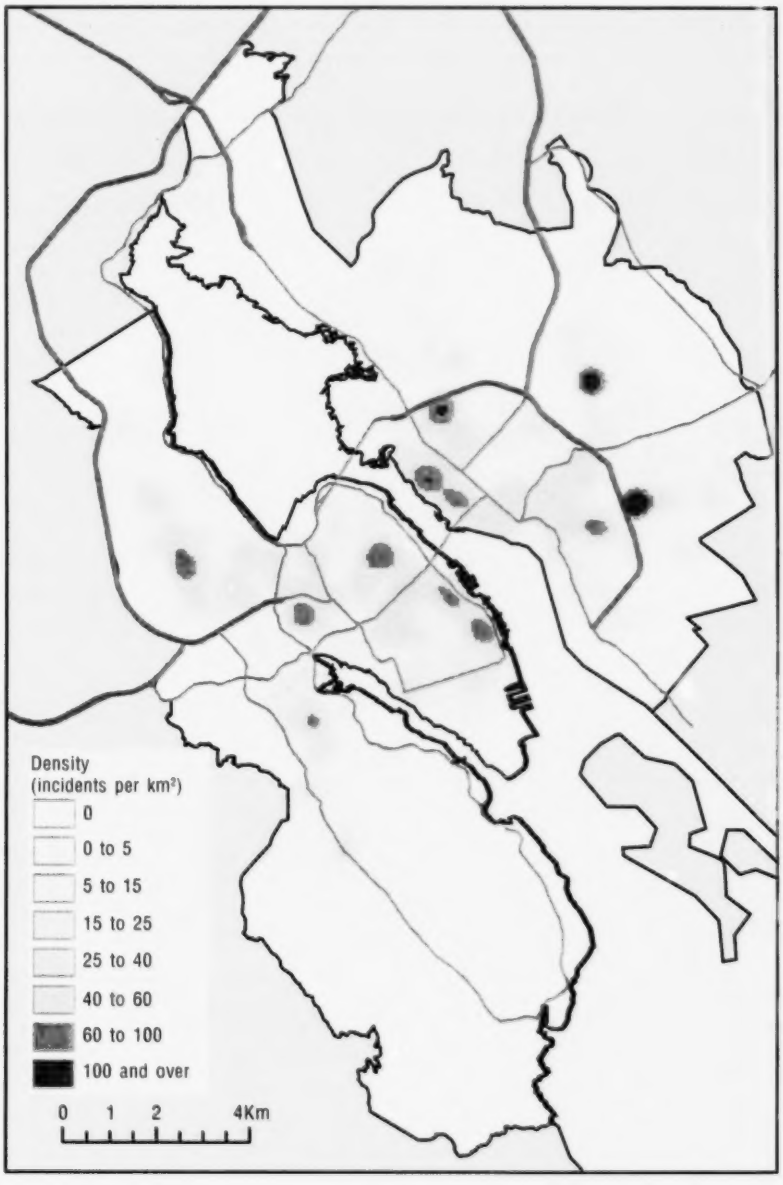


Based on 2,494 break and enter offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.10

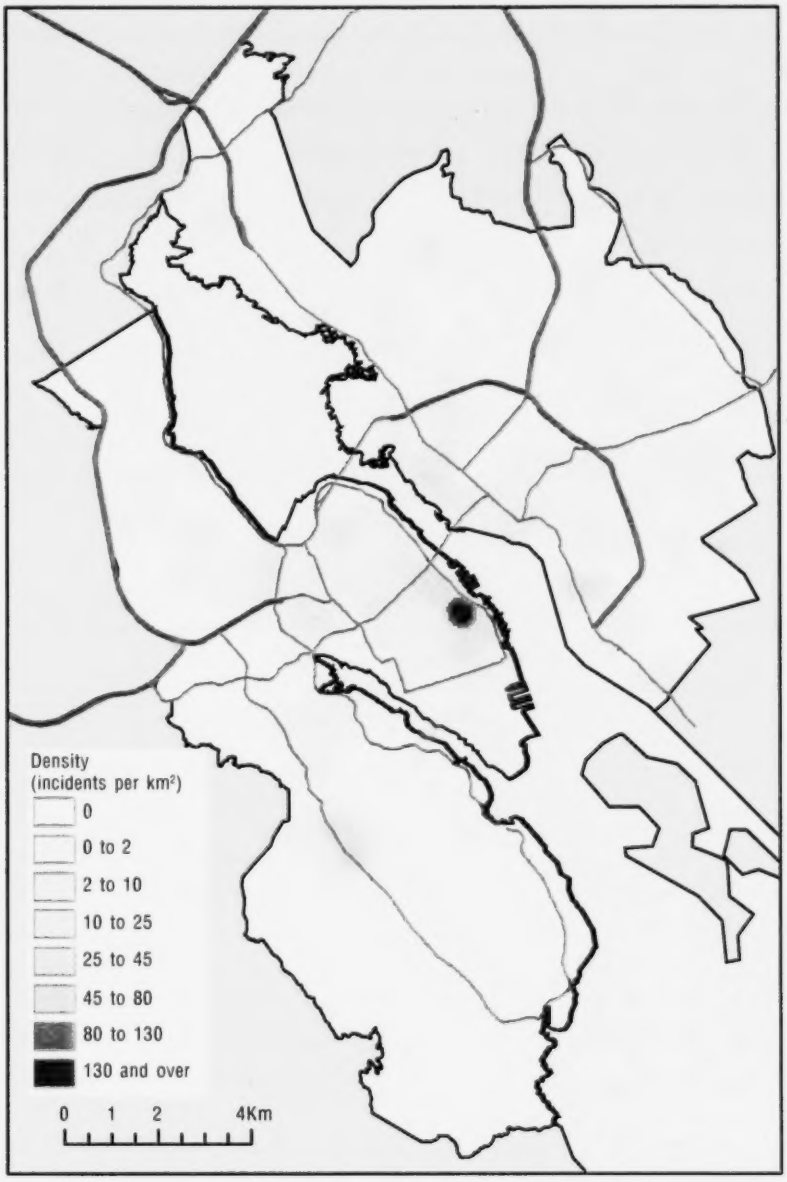
Kernel density distribution of car theft offences, Halifax, 2001



Based on 1,394 car theft offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.11
Kernel density distribution of drug offences, Halifax, 2001

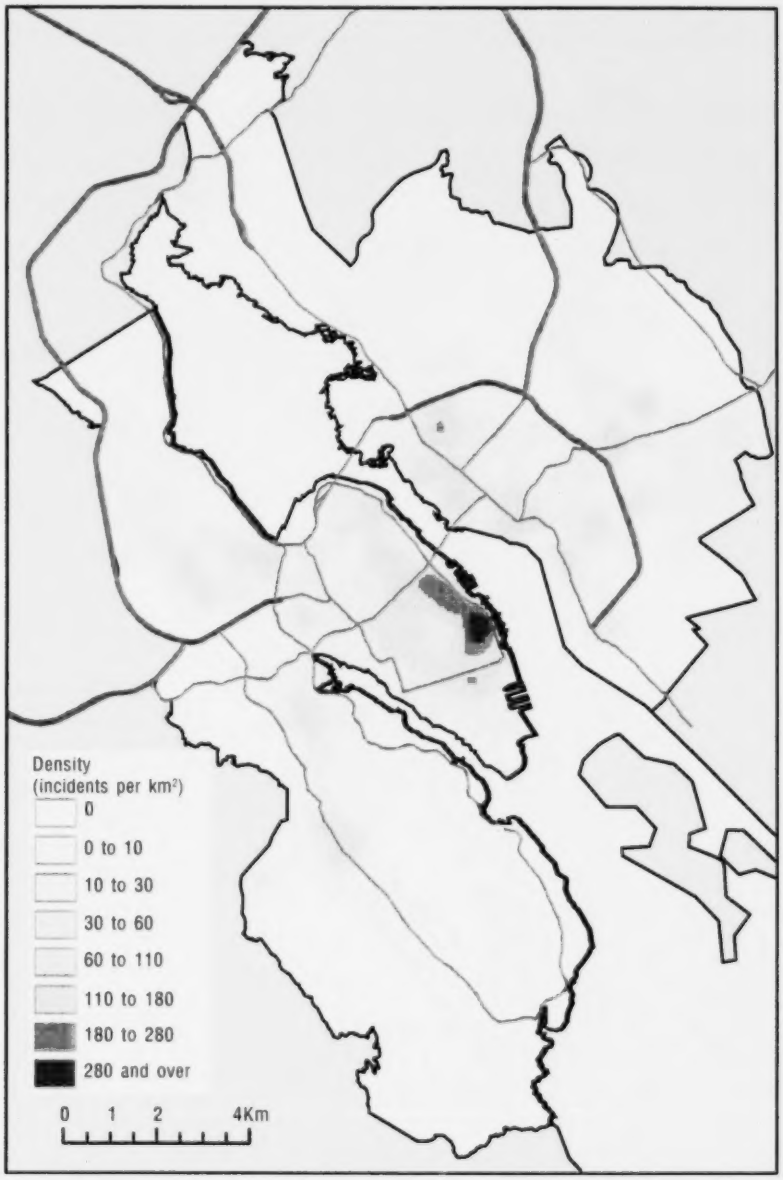


Based on 391 drug offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.12

Kernel density distribution of mischief offences, Halifax, 2001

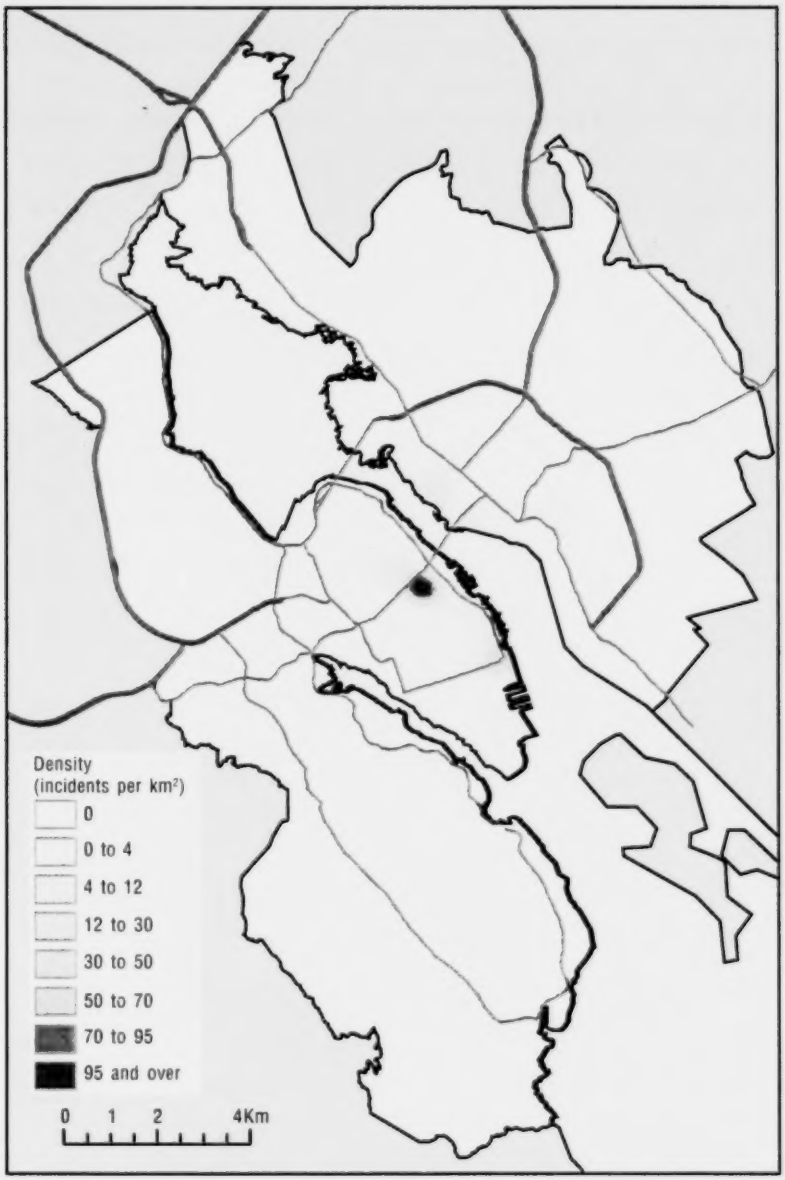


Based on 2,862 mischief offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.13

Kernel density distribution of prostitution offences, Halifax, 2001

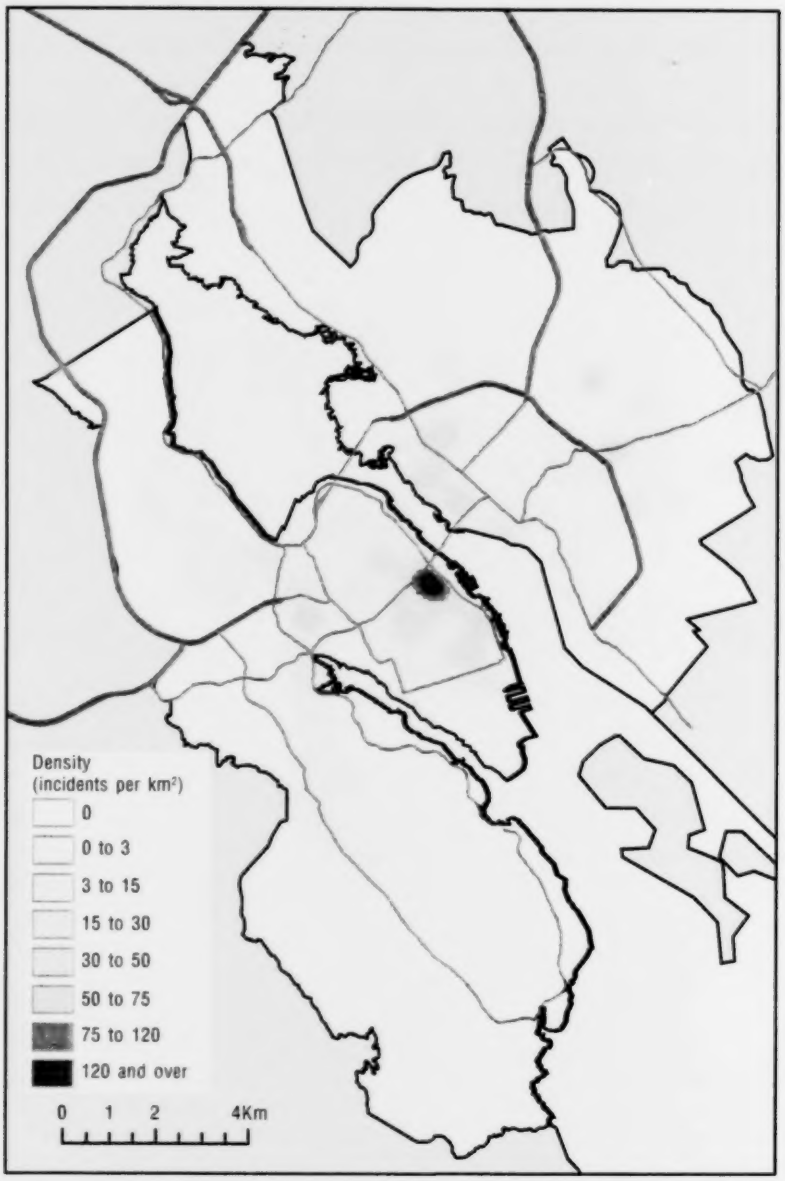


Based on 94 prostitution offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.14

Kernel density distribution of robbery offences, Halifax, 2001

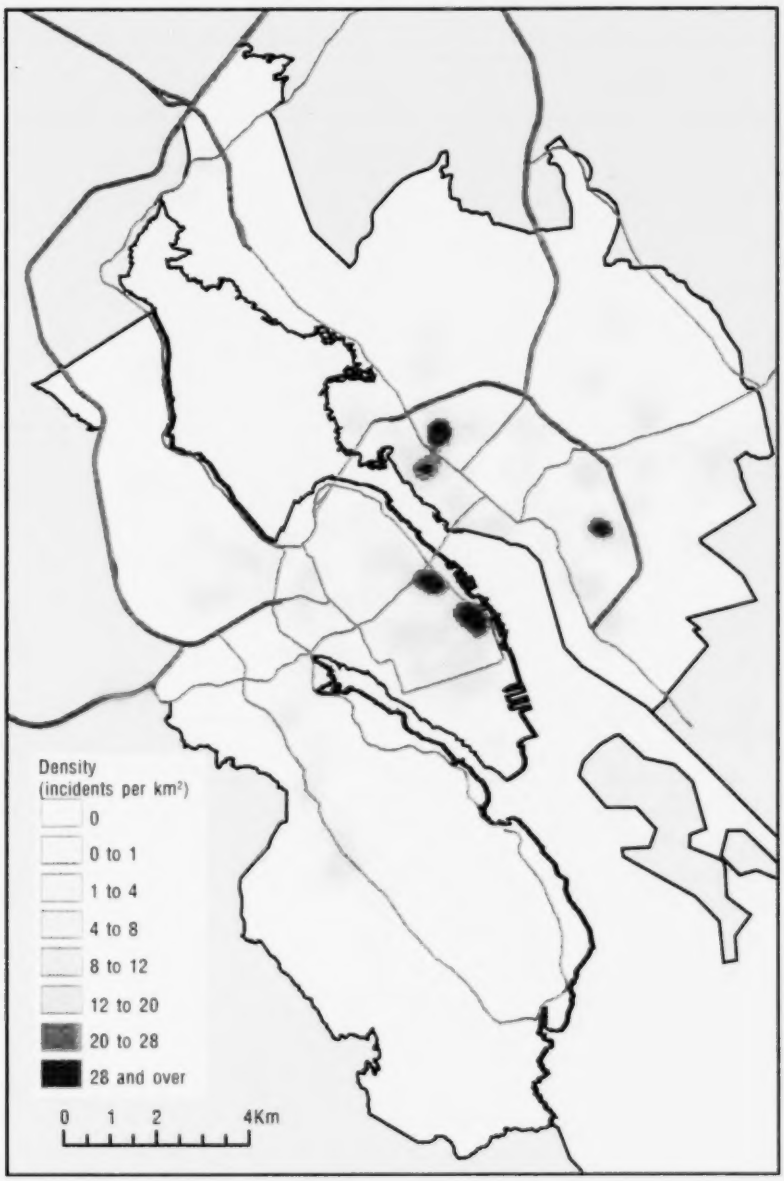


Based on 534 robbery offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.15

Kernel density distribution of sexual offences, Halifax, 2001

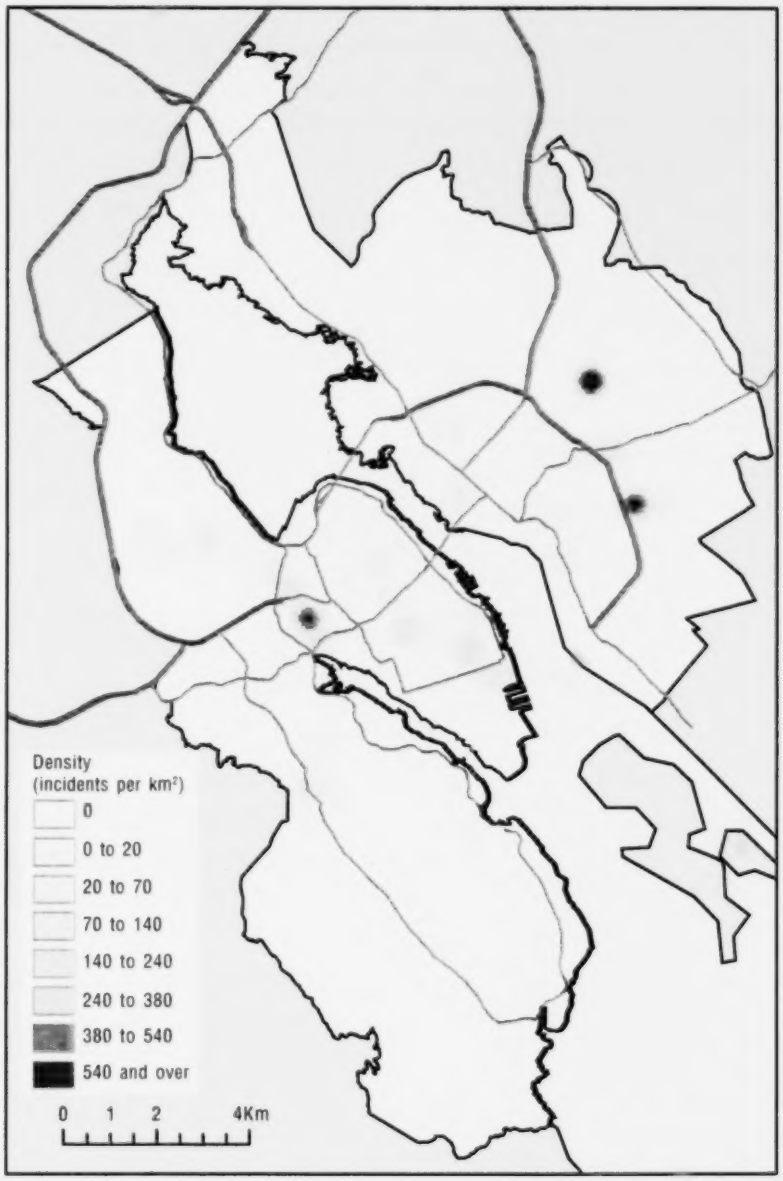


Based on 261 sexual offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.16

Kernel density distribution of shoplifting offences, Halifax, 2001

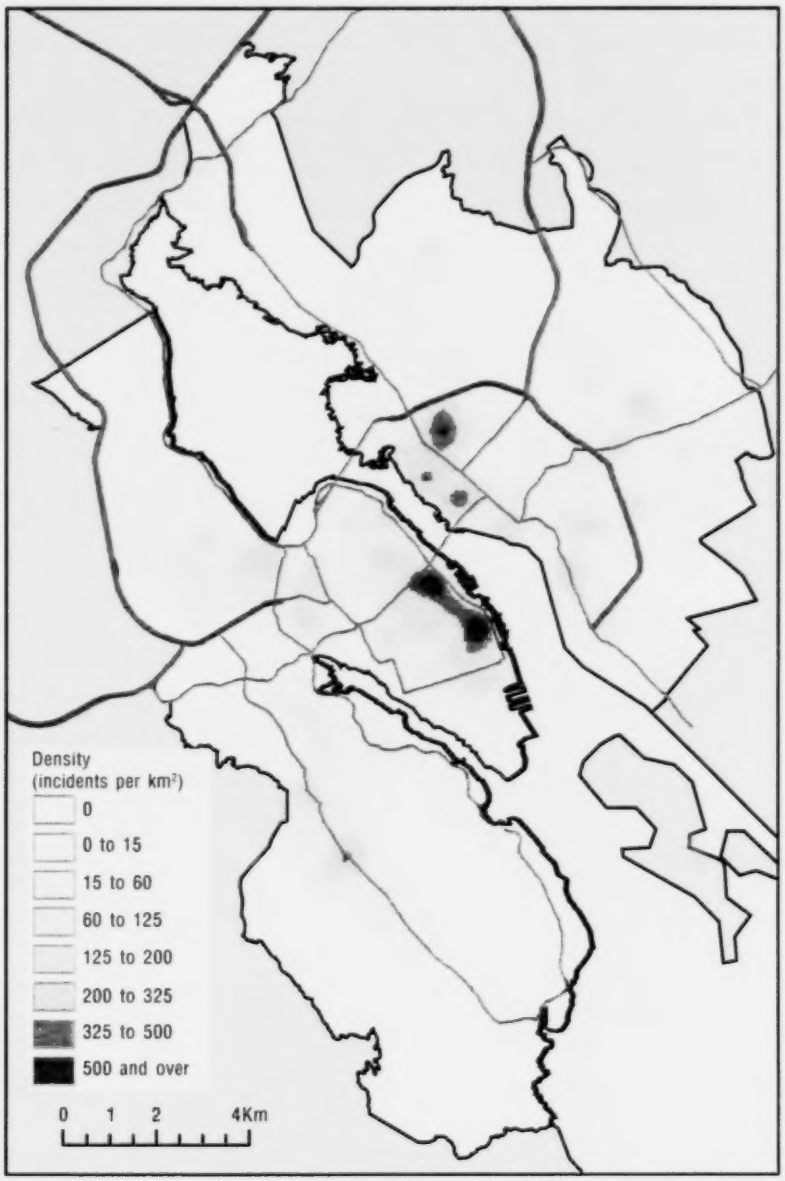


Based on 1,323 shoplifting offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 2.17

Kernel density distribution of violent crime incidents, Halifax, 2003

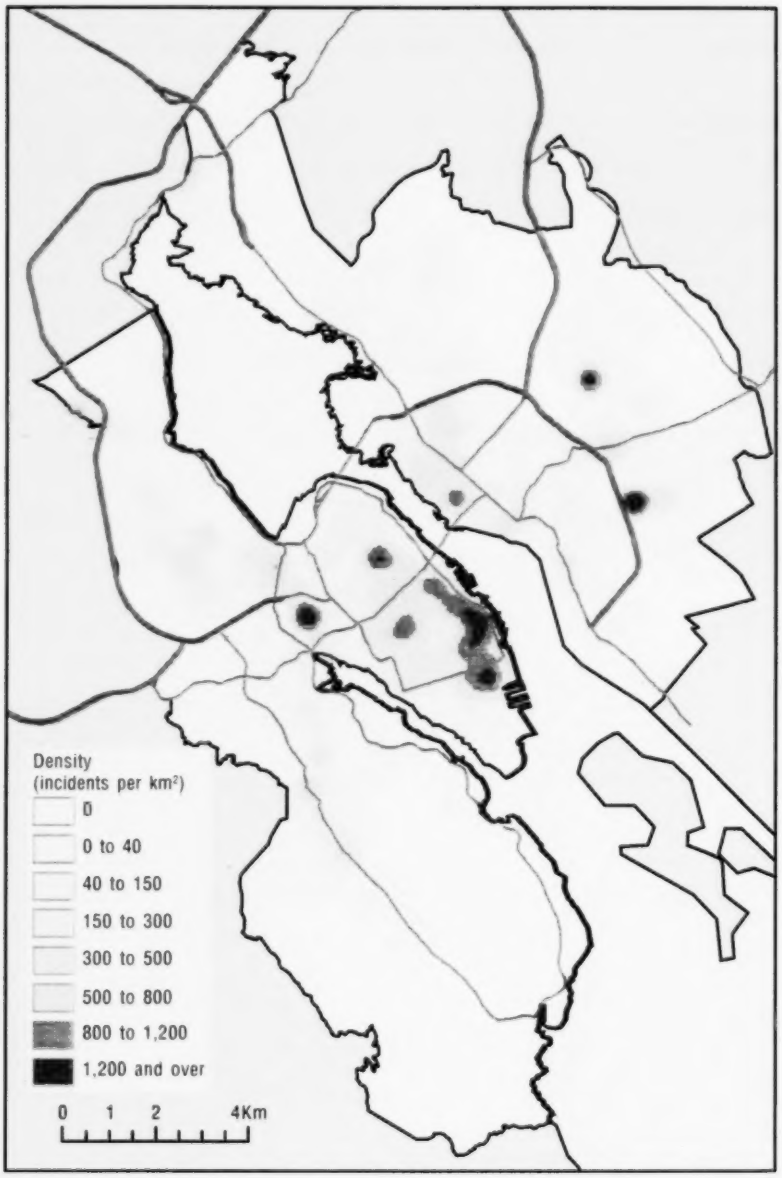


Based on 4,926 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 2.18

Kernel density distribution of property crime incidents, Halifax, 2003

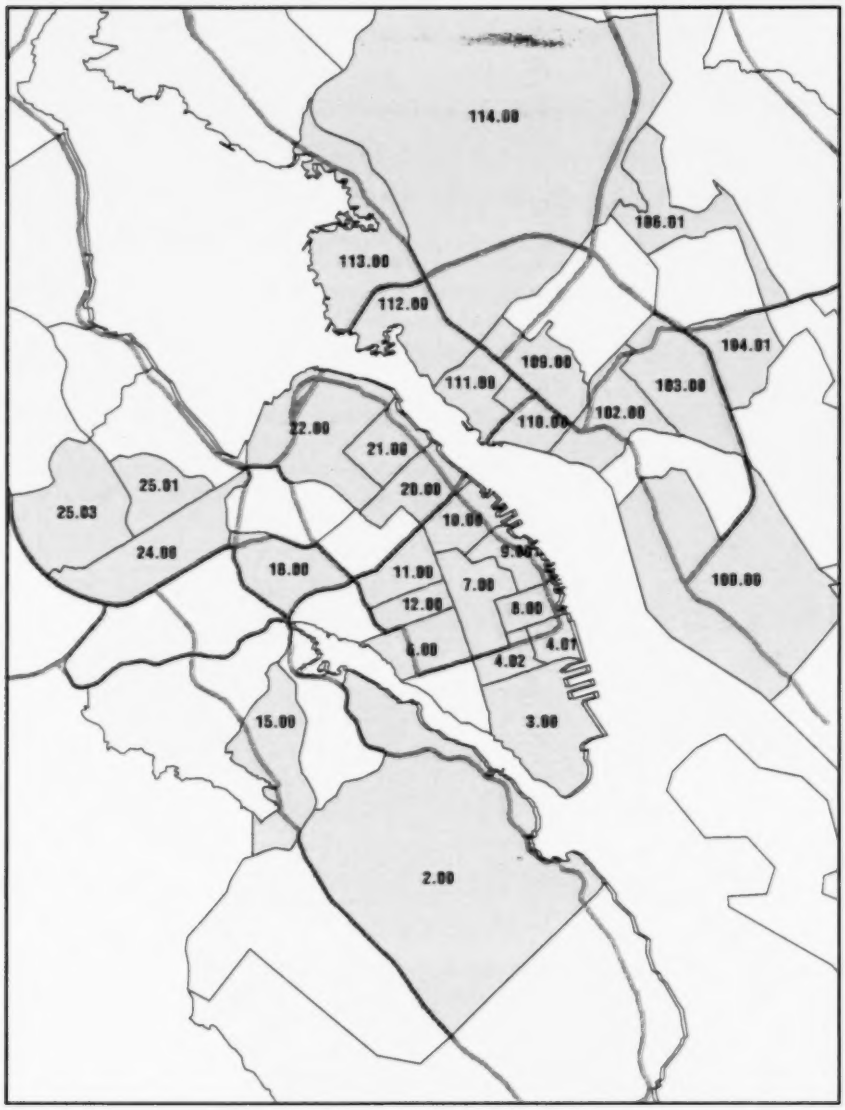


Based on 16,551 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 2.19

The 30 census tracts with the highest crime rate, Halifax, 2001



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Appendix 3

Neighbourhood characteristics and the distribution of crime in Thunder Bay

Table 3.1

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, reported incidents and population at risk

	Residential population	Employed population	Population at risk	Density (population at risk/ sq km)	Violent incidents	Rate (per 1,000)	Property incidents	Rate (per 1,000)
Dissemination areas	number			density	number	rate	number	rate
City of Thunder Bay	108,984	50,474	159,458	488	1,541	9.7	4,717	29.6
39	497	14	511	2,978	8	15.7	44	86.2
45	490	33	523	1,806	6	11.5	28	53.5
47	534	289	823	1,689	15	18.2	69	83.9
48	461	78	539	4,176	10	18.5	30	55.6
68	387	271	658	3,880	42	63.8	46	69.9
69	379	256	635	2,316	35	55.1	51	80.3
70	402	75	477	4,852	25	52.4	55	115.2
71	385	21	406	4,988	23	56.7	82	202.0
72	363	58	421	4,833	6	14.2	29	68.8
75	487	327	814	4,607	25	30.7	52	63.9
76	483	143	626	2,323	21	33.5	172	274.6
77	482	246	728	1,983	17	23.3	47	64.5
79	509	18	527	2,751	8	15.2	27	51.3
80	446	71	517	4,615	10	19.4	27	52.3
86	448	1,967	2,415	8,769	63	26.1	132	54.7
122	617	17	634	3,241	27	42.6	22	34.7
123	656	387	1,043	6,091	17	16.3	68	65.2
141	593	62	655	3,505	9	13.7	37	56.5
142	562	129	691	3,483	19	27.5	35	50.6
148	387	268	655	4,652	15	22.9	40	61.0
150	453	101	554	5,779	8	14.4	24	43.3
151	414	487	901	5,868	23	25.5	63	69.9
152	508	1,351	1,859	8,601	37	19.9	94	50.6
169	746	272	1,018	1,454	25	24.6	128	125.8
316	437	2,268	2,705	1,711	42	15.5	198	73.2
317	382	295	677	2,658	10	14.8	46	67.9
319	462	39	501	7,777	24	47.9	19	37.9
322	513	46	559	2,449	11	19.7	32	57.2
332	527	37	564	2,006	16	28.4	19	33.7
346	481	76	557	2,264	8	14.4	59	105.9
349	467	90	557	3,044	2	3.6	50	89.7

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 3.2

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, reported incidents

	Theft of $5,000 and over	Theft under $5,000	Shoplifting	Motor vehicle thefts	Sexual offences	Drug incidents	Break and enter offences	Mischief offences	Assault offences
Dissemination areas					number				
City of Thunder Bay	37	2,099	401	389	149	385	753	1,184	1,087
39	0	21	0	2	1	8	4	17	5
45	0	11	2	5	0	2	7	8	4
47	2	24	2	11	0	9	17	7	10
48	0	12	0	3	2	2	7	7	6
68	0	20	0	6	1	8	6	10	38
69	1	21	1	2	1	10	7	18	30
70	0	15	4	1	2	2	10	27	20
71	0	42	9	3	3	3	13	19	18
72	0	10	0	4	0	5	7	7	4
75	0	16	3	6	2	12	11	17	15
76	2	115	84	6	2	3	13	18	14
77	0	14	2	6	0	12	9	14	14
79	0	7	0	5	2	1	4	11	4
80	0	9	0	3	1	0	8	8	6
86	0	58	9	6	4	10	13	39	47
122	0	3	0	0	5	2	6	11	16
123	1	45	4	7	0	0	5	10	13
141	0	20	2	2	1	2	4	9	7
142	0	13	0	2	3	0	6	13	12
148	0	18	0	2	0	6	7	8	9
150	0	12	0	0	1	3	4	6	6
151	1	28	3	7	0	8	7	12	19
152	1	37	1	4	2	7	15	19	27
169	1	63	37	9	0	3	29	17	19
316	2	109	43	12	2	17	7	32	34
317	0	30	0	4	1	7	2	10	6
319	0	5	0	0	5	1	9	5	16
322	1	14	0	4	3	2	7	6	6
332	0	8	0	0	1	1	5	5	14
346	1	33	16	4	0	0	6	11	5
349	0	31	2	2	0	2	9	4	2

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Table 3.3

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, zoning data

	Open space	Residential (single-family)	Residential (multiple-family)	Industrial	Institutional	Commercial
Dissemination areas			percentage			
City of Thunder Bay	55.1	22.7	5.8	10.5	4.1	1.7
39	1.2	87.2	3.7	0.0	7.0	0.8
45	23.6	61.3	4.4	1.9	7.3	1.5
47	0.1	3.3	13.7	65.8	0.8	16.3
48	0.0	79.0	16.7	0.0	3.7	0.7
68	0.5	0.0	6.4	29.2	0.0	63.9
69	0.0	0.0	27.6	44.2	0.8	27.4
70	0.0	0.0	78.0	0.0	1.4	20.6
71	0.0	0.0	85.7	0.0	0.6	13.7
72	0.0	0.0	77.2	0.0	2.4	20.4
75	1.1	0.0	47.4	7.9	9.2	34.4
76	15.2	0.0	48.4	24.3	0.9	11.2
77	13.0	0.0	34.9	19.1	29.6	3.5
79	4.5	0.0	68.7	16.9	7.3	2.5
80	11.5	0.0	80.7	0.0	4.6	3.1
86	0.0	0.0	12.6	0.0	0.4	87.0
122	18.7	9.6	68.3	0.0	0.0	3.4
123	0.0	0.0	67.8	0.0	1.0	31.2
141	0.0	0.0	94.1	0.0	2.8	3.1
142	0.0	0.0	88.4	0.0	9.2	2.5
148	18.9	0.0	53.1	0.0	25.7	2.4
150	0.2	0.0	85.5	0.0	0.0	14.3
151	1.4	0.0	48.1	0.0	0.0	50.5
152	5.2	0.0	16.6	0.0	2.0	76.1
169	39.3	3.3	31.6	0.0	1.5	24.3
316	1.3	0.0	12.0	60.6	0.9	25.3
317	0.0	0.9	58.3	0.0	27.7	13.1
319	6.6	12.7	79.0	0.0	0.0	1.7
322	21.1	0.0	67.7	0.0	11.2	0.0
332	42.9	0.0	48.8	0.0	8.2	0.0
346	33.4	56.1	0.1	0.0	10.4	0.0
349	0.0	42.0	33.3	0.0	18.1	6.6

Source: City of Thunder Bay, Planning Division, 2005.

Table 3.4

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, demographic data

	Ratio of male to female	Population aged 15 and under	Population aged 65 and over	Males 15 to 24	Population single, never married	Lone-parent families	Population living alone
Dissemination areas	ratio				percentage		
City of Thunder Bay	0.95	16.0	15.7	6.6	31.5	18.2	12.6
39	0.98	16.2	12.1	5.1	32.9	22.2	10.1
45	0.92	22.4	14.3	8.2	29.1	15.4	13.3
47	0.77	9.4	34.9	4.7	29.9	22.7	43.4
48	1.16	17.2	14.0	8.6	39.0	12.5	17.4
68	1.05	3.9	31.2	3.9	41.9	25.0	65.6
69	1.11	14.7	10.7	6.7	48.4	29.4	31.9
70	1.13	24.7	8.6	8.6	49.2	36.8	20.0
71	1.00	23.4	13.0	6.5	43.3	39.1	10.4
72	0.97	23.3	9.6	6.8	43.9	0.0	8.2
75	1.11	22.7	8.2	6.2	47.3	23.1	15.5
76	1.18	17.7	15.6	7.3	39.7	15.4	16.7
77	0.96	14.6	19.8	5.2	33.8	17.9	13.4
79	0.89	18.6	14.7	5.9	33.7	31.3	14.9
80	0.93	16.9	7.9	7.9	43.2	40.0	13.5
86	1.02	4.4	28.9	7.8	52.3	42.9	49.4
122	0.80	38.2	4.1	8.1	44.9	52.9	3.2
123	0.75	30.5	21.4	5.3	36.3	50.0	13.8
141	0.93	17.8	12.7	7.6	35.1	27.8	11.8
142	0.98	17.7	17.7	7.1	33.3	16.0	23.4
148	0.97	14.1	20.5	5.1	45.5	17.6	30.3
150	1.09	15.4	15.4	6.6	44.7	17.4	16.7
151	1.24	18.3	22.0	6.1	52.9	28.6	34.6
152	1.22	7.9	10.9	5.9	63.7	43.8	37.1
169	0.88	25.5	13.4	6.0	33.3	21.1	12.8
316	1.02	18.4	19.5	5.7	39.4	19.2	14.9
317	1.05	13.0	22.1	7.8	36.8	28.0	15.6
319	0.74	28.3	17.4	6.5	40.9	53.1	10.8
322	0.89	14.7	10.8	7.8	39.5	10.7	13.6
332	0.80	26.7	7.6	8.6	38.2	42.4	2.9
346	0.96	16.7	16.7	5.2	20.0	6.5	6.3
349	0.82	15.1	23.7	5.4	29.1	15.4	16.1

Source: Statistics Canada, Census, 2001.

Table 3.5

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, dwelling and aboriginal data

	Owner-occupied dwellings	Dwellings in need of major repair	Dwellings built before 1961	Dwellings after 1990	Recent movers (last year different address)	Aboriginal
Dissemination areas			percentage			
City of Thunder Bay	69.9	8.0	45.8	7.9	13.3	6.7
39	88.4	9.3	74.4	4.7	13.4	0.0
45	87.8	9.8	85.4	0.0	11.3	3.1
47	33.3	8.7	52.2	0.0	17.0	5.7
48	63.4	14.6	87.8	0.0	16.3	8.7
68	3.8	0.0	51.9	7.7	6.8	9.7
69	30.0	22.5	87.5	0.0	23.3	20.0
70	43.2	16.2	62.2	0.0	13.9	7.5
71	77.4	19.4	93.5	0.0	14.3	6.5
72	58.6	17.2	93.1	0.0	39.4	6.8
75	54.5	6.8	93.2	4.5	7.4	12.2
76	71.1	8.9	77.8	4.4	19.4	8.3
77	81.4	9.3	93.0	0.0	2.1	10.4
79	83.0	12.8	80.9	0.0	18.0	11.9
80	71.8	17.9	94.9	0.0	15.7	19.1
86	29.1	10.9	49.1	3.6	35.9	14.1
122	38.5	0.0	5.1	10.3	34.7	27.6
123	21.4	3.6	17.9	8.9	25.6	22.1
141	73.1	19.2	90.4	0.0	16.0	9.3
142	45.5	12.7	67.3	18.2	17.1	10.7
148	47.6	16.7	61.9	11.9	21.1	13.0
150	57.1	19.0	92.9	0.0	26.1	8.9
151	32.6	23.9	65.2	13.0	20.7	7.2
152	19.3	3.5	54.4	3.5	34.4	10.1
169	49.2	6.6	3.3	3.3	26.6	16.2
316	74.4	23.1	76.9	12.8	12.5	9.2
317	67.6	8.1	59.5	10.8	26.0	3.9
319	46.3	9.8	7.3	4.9	7.9	34.8
322	56.8	0.0	29.5	9.1	29.4	8.7
332	69.4	5.6	0.0	0.0	11.7	3.8
346	97.3	5.4	13.5	0.0	3.1	9.4
349	67.5	7.5	55.0	0.0	9.6	0.0

Source: Statistics Canada, Census, 2001.

Table 3.6

Characteristics of the 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, socio-economic data

Dissemination areas	Unemployment rate	Population without high school diploma	Population with a Bachelor's degree or higher	Median individual income	Part of government transfers in total income	Population in private households with low income	Households spending 30% or more on shelter
		percentage		dollars		percentage	
City of Thunder Bay	8.8	29.0	16.1	23,247	14.0	15.1	23.4
39	12.1	30.3	5.6	24,085	14.3	3.0	23.3
45	7.3	32.4	0.0	27,693	17.3	3.1	17.5
47	13.3	43.2	0.0	15,612	32.5	33.0	47.8
48	9.4	26.5	8.8	21,912	18.1	16.7	22.5
68	20.0	60.0	4.3	12,325	48.1	68.8	72.5
69	17.2	55.7	8.2	12,200	38.4	45.8	47.5
70	19.5	33.3	7.0	14,364	25.3	27.5	29.7
71	0.0	33.9	11.9	15,341	24.9	24.7	35.5
72	19.0	26.9	3.8	16,774	17.3	28.8	27.6
75	4.4	50.7	0.0	14,377	29.7	36.1	36.4
76	15.1	45.9	2.7	20,972	21.7	21.9	37.0
77	4.3	36.8	6.6	17,734	19.8	13.4	30.2
79	5.8	24.7	9.1	22,280	19.6	24.8	27.7
82	0.0	48.3	12.1	18,658	16.6	20.2	24.3
86	6.7	40.8	12.7	15,556	34.6	44.9	51.9
122	14.6	39.1	9.4	15,875	30.4	53.2	40.0
123	22.0	45.1	0.0	13,843	39.2	58.8	51.8
141	4.3	36.3	20.9	28,667	11.5	23.9	30.8
142	12.1	32.5	16.9	19,256	17.7	18.0	48.1
148	11.8	41.9	8.1	18,657	32.9	23.7	26.8
150	8.5	57.5	4.1	20,549	15.2	33.7	35.7
151	13.2	46.0	11.1	12,621	31.6	41.5	52.2
152	14.6	53.0	16.9	9,681	24.5	58.4	65.5
169	14.3	35.4	13.1	18,649	18.9	25.2	31.7
316	10.9	42.6	7.4	16,280	21.0	23.0	35.9
317	4.1	39.4	10.6	21,777	18.9	9.1	16.2
319	18.5	36.8	19.3	20,077	25.4	54.3	19.5
322	8.9	17.1	22.4	19,242	15.2	19.4	31.8
332	4.5	18.2	30.3	33,342	12.8	32.4	17.1
346	12.2	23.7	23.7	29,959	14.6	5.2	18.9
349	7.8	28.2	12.7	19,122	14.8	8.5	22.0

Source: Statistics Canada, Census, 2001.

Table 3.7

Bivariate correlations of independent variables, census tracts in Thunder Bay, 2001

		1	2	3	4	5	6	7	8	9
1	Violent crime rate	1	...	...	...	...	...	...	...	...
2	Property crime rate	0.64**	1	...	...	...	...	...	...	...
3	Percent open space	-0.22**	-0.36**	1	...	...	...	...	...	...
4	Percent residential (low density)	-0.31**	-0.30**	-0.04	1	...	...	...	...	...
5	Percent residential (high density)	-0.22**	0.29**	-0.45**	-0.66**	1	...	...	...	...
6	Percent industrial	0.07	0.04	-0.03	-0.14*	-0.32**	1	...	...	...
7	Percent institutional	0.08	0.10	-0.07	-0.13	-0.06	-0.08	1	...	...
8	Percent commercial	0.35**	0.38**	-0.20**	-0.19*	-0.08	0.09	-0.09	1	...
9	Ratio of male to female	-0.10	-0.15*	0.16*	0.13	-0.19*	0.10	-0.27**	0.05	1
10	Percent of the population aged 15 and under	0.03	-0.05	0.07	0.06	0.13	-0.12	-0.23**	-0.31**	0.17*
11	Percent of the population aged 65 and over	0.11	0.21**	-0.23**	-0.23**	0.08	0.14*	0.32**	0.26**	-0.5**
12	Percent males 15 to 24	-0.10	-0.18*	0.20**	0.22**	-0.15*	-0.12	-0.16*	-0.17*	0.42**
13	Percent population single, never married	0.58**	0.52**	-0.21**	-0.36**	0.27**	0.08	-0.05	0.39**	0.16*
14	Percent lone-parent families	0.48**	0.39**	-0.23**	-0.33**	0.24**	0.12*	0.06	0.31**	-0.29**
15	Percent population living alone	0.39**	0.45**	-0.27**	-0.39**	0.18*	0.19*	0.17*	0.51**	-0.33**
16	Percent owner-occupied households	-0.53**	-0.42**	0.24**	0.32**	-0.14	-0.14*	-0.13	-0.48**	0.39**
17	Percent dwellings in need of major repair	0.32**	0.29**	-0.16*	-0.28**	0.23**	0.17*	-0.06	0.10	0.17*
18	Percent housing built before 1961	0.19**	0.40**	-0.36**	-0.38**	0.44**	0.11	0.00	0.11	0.14*
19	Percent housing built after 1990	-0.22**	-0.37**	0.28**	0.30**	-0.40**	0.04	-0.03	-0.1	0.11
20	Percent recent movers (past year different address)	0.40**	0.33**	-0.22**	-0.15*	0.09	0.08	0.12	0.28**	-0.15*
21	Percent aboriginal	0.46**	0.37**	-0.14	-0.32**	0.26**	0.08	-0.08	0.20**	-0.09
22	Unemployment rate	0.25**	0.21**	-0.03	-0.09	-0.04	0.18*	-0.03	0.18*	0.02
23	Percent population without high school diploma	0.40**	0.35**	-0.21**	-0.26**	0.12	0.18*	0.04	0.36**	-0.03
24	Percent population with a Bachelor's degree or higher	-0.31**	-0.30**	0.15*	0.11	0.00	-0.25**	0.04	-0.23**	0.00
25	Median individual income	-0.50**	-0.52**	0.24**	0.32**	-0.16*	-0.20**	-0.01	-0.46**	0.16*
26	Percent of government tranfers in total income	0.53**	0.50**	-0.28**	-0.33**	0.16*	0.24**	0.09	0.45**	-0.29**
27	Percent of population in private households with low income	0.61**	0.52**	-0.23**	-0.41**	0.25**	0.14	0.04	0.45**	-0.27**
28	Percent households spending 30% or more on shelter	0.52**	0.46**	-0.21**	-0.29**	0.13	0.14*	0.06	0.48**	-0.25**

Table 3.7

Bivariate correlations of independent variables, census tracts in Thunder Bay, 2001 (continued)

		10	11	12	13	14	15	16	17	18
1	Violent crime rate	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...
3	Percent open space	...	...	...	...	...	...	...	...	...
4	Percent residential (low density)	...	...	...	...	...	...	...	...	...
5	Percent residential (high density)	...	...	...	...	...	...	...	...	...
6	Percent industrial	...	...	...	...	...	...	...	...	...
7	Percent institutional	...	...	...	...	...	...	...	...	...
8	Percent commercial	...	...	...	...	...	...	...	...	...
9	Ratio of male to female	...	...	...	...	...	...	...	...	...
10	Percent of the population aged 15 and under	1	...	...	...	...	...	...	...	...
11	Percent of the population aged 65 and over	-0.7**	1	...	...	...	...	...	...	...
12	Percent males 15 to 24	0.19*	-0.52**	1	...	...	...	...	...	...
13	Percent population single, never married	0.1	-0.17*	0.14	1	...	...	...	...	...
14	Percent lone-parent families	0.18*	0.10	-0.22**	0.54**	1	...	...	...	...
15	Percent population living alone	-0.60**	0.71**	-0.48**	0.30**	0.33*	1	...	...	...
16	Percent owner-occupied households	0.18*	-0.36**	0.31**	-0.55**	-0.65**	-0.69**	1	...	...
17	Percent dwellings in need of major repair	0.02	0.07	-0.08	0.37**	0.21**	0.20**	-0.13	1	...
18	Percent housing built before 1961	-0.15*	0.24**	-0.15*	0.30**	0.15*	0.34**	0.02	0.50**	1
19	Percent housing built after 1990	0.20**	-0.26**	0.08	-0.24**	-0.26**	-0.26**	0.18*	-0.25**	-0.44**
20	Percent recent movers (past year different address)	0.02	0.03	-0.04	0.54**	0.42**	0.28**	-0.58**	0.24**	0.02
21	Percent aboriginal	0.16*	-0.01	-0.08	0.57**	0.58**	0.23**	-0.49**	0.32**	0.15*
22	Unemployment rate	0.11	0.00	-0.09	0.30**	0.34**	0.12	-0.33**	0.19**	0.06
23	Percent population without high school diploma	-0.13	0.31**	-0.28**	0.38**	0.41**	0.46**	-0.52**	0.27**	0.17*
24	Percent population with a Bachelor's degree or higher	-0.01	-0.20**	0.23**	-0.26**	-0.36**	-0.29**	0.38**	-0.27**	-0.21**
25	Median individual income	0.13	-0.30**	0.25**	-0.57**	-0.54**	-0.57**	0.69**	-0.30**	-0.23**
26	Percent of government tranfers in total income	-0.21**	0.53**	-0.46**	0.38**	0.57**	0.70**	-0.72**	0.27**	0.22**
27	Percent of population in private households with low income	0.01	0.23**	-0.30**	0.61**	0.70**	0.52**	-0.78**	0.25**	0.12
28	Percent households spending 30% or more on shelter	-0.12	0.31**	-0.35**	0.47**	0.52**	0.60**	-0.74**	0.28**	0.13

Table 3.7

Bivariate correlations of independent variables, census tracts in Thunder Bay, 2001 (concluded)

		19	20	21	22	23	24	25	26	27	28
1	Violent crime rate	...	...	...	...	...	...	...	...	...	...
2	Property crime rate	...	...	...	...	...	...	...	...	...	...
3	Percent open space	...	...	...	...	...	...	...	...	...	...
4	Percent residential (low density)	...	...	...	...	...	...	...	...	...	...
5	Percent residential (high density)	...	...	...	...	...	...	...	...	...	...
6	Percent industrial	...	...	...	...	...	...	...	...	...	...
7	Percent institutional	...	...	...	...	...	...	...	...	...	...
8	Percent commercial	...	...	...	...	...	...	...	...	...	...
9	Ratio of male to female	...	...	...	...	...	...	...	...	...	...
10	Percent of the population aged 15 and under	...	...	...	...	...	...	...	...	...	...
11	Percent of the population aged 65 and over	...	...	...	...	...	...	...	...	...	...
12	Percent males 15 to 24	...	...	...	...	...	...	...	...	...	...
13	Percent population single, never married	...	...	...	...	...	...	...	...	...	...
14	Percent lone-parent families	...	...	...	...	...	...	...	...	...	...
15	Percent population living alone	...	...	...	...	...	...	...	...	...	...
16	Percent owner-occupied households	...	...	...	...	...	...	...	...	...	...
17	Percent dwellings in need of major repair	...	...	...	...	...	...	...	...	...	...
18	Percent housing built before 1961										
19	Percent housing built after 1990	1	...	...	...	...	...	...	...	...	...
20	Percent recent movers (past year different address)	-0.08	1	...	...	...	...	...	...	...	...
21	Percent aboriginal	-0.27**	0.43**	1	...	...	...	...	...	...	...
22	Unemployment rate	-0.11	0.35**	0.39**	1	...	...	...	...	...	...
23	Percent population without high school diploma	-0.21**	0.31**	0.45**	0.20**	1	...	...	...	...	...
24	Percent population with a Bachelor's degree or higher	0.26**	-0.26**	-0.32**	-0.30**	-0.66**	1	...	...	...	...
25	Median individual income	0.29**	-0.47**	-0.49**	-0.28**	-0.67**	0.55**	1	...	...	...
26	Percent of government tranfers in total income	-0.32**	0.37**	0.50**	0.32**	0.75**	-0.60**	-0.79**	1	...	...
27	Percent of population in private households with low income	-0.26**	0.54**	0.59**	0.34**	0.58**	-0.47**	-0.76**	0.71**	1	...
28	Percent households spending 30% or more on shelter	-0.13	0.49**	0.42**	0.26**	0.54**	-0.38**	-0.71**	0.68**	0.80**	1

... not applicable

* <0.05.

** <0.01.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime-Reporting Survey, geocoded database, 2001. City of Thunder Bay Zoning Data and Census, 2001.

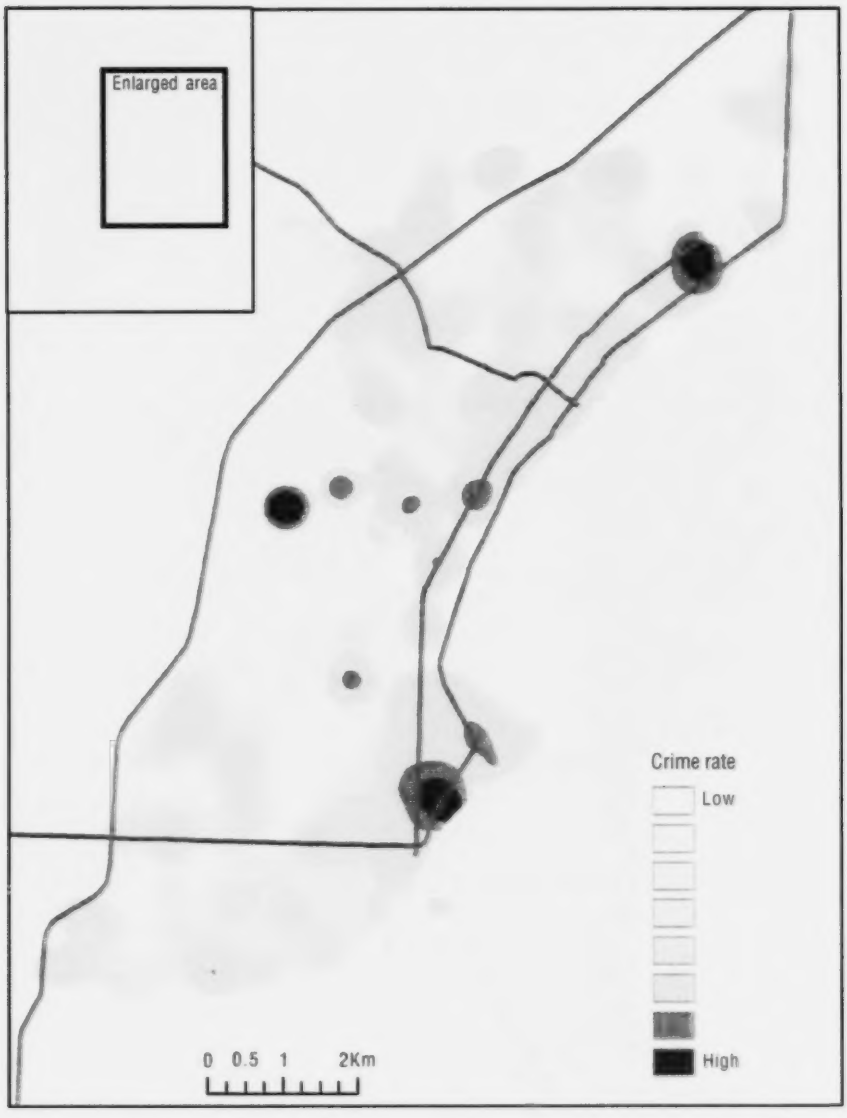
Map 3.1

Local context and dissemination areas (DAs), Thunder Bay, 2001

Sources: Statistics Canada, Census, 2001 and City of Thunder Bay, Planning Division.

Map 3.2

Kernel density distribution of violent crime incidents and population at risk, Thunder Bay, 2001



Based on 1,541 violent crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 3.3

Kernel density distribution of property crime incidents and population at risk, Thunder Bay, 2001

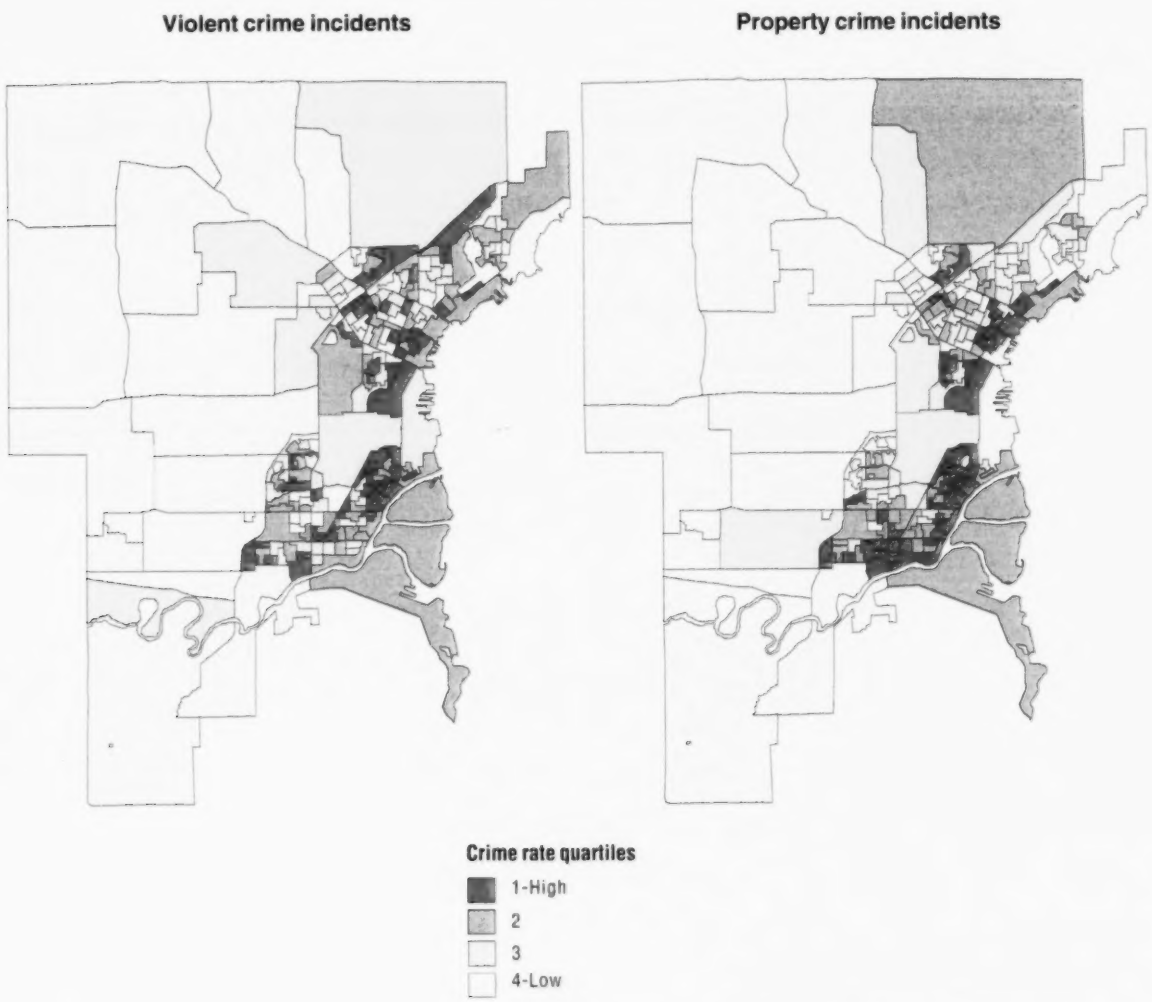
Based on 4,717 property crime incidents.

Note: Local crime rates have been adjusted to ensure data confidentiality and to avoid introducing artificial hotspots where population at risk and crime densities are low.

Sources: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001 and Census, 2001.

Map 3.4

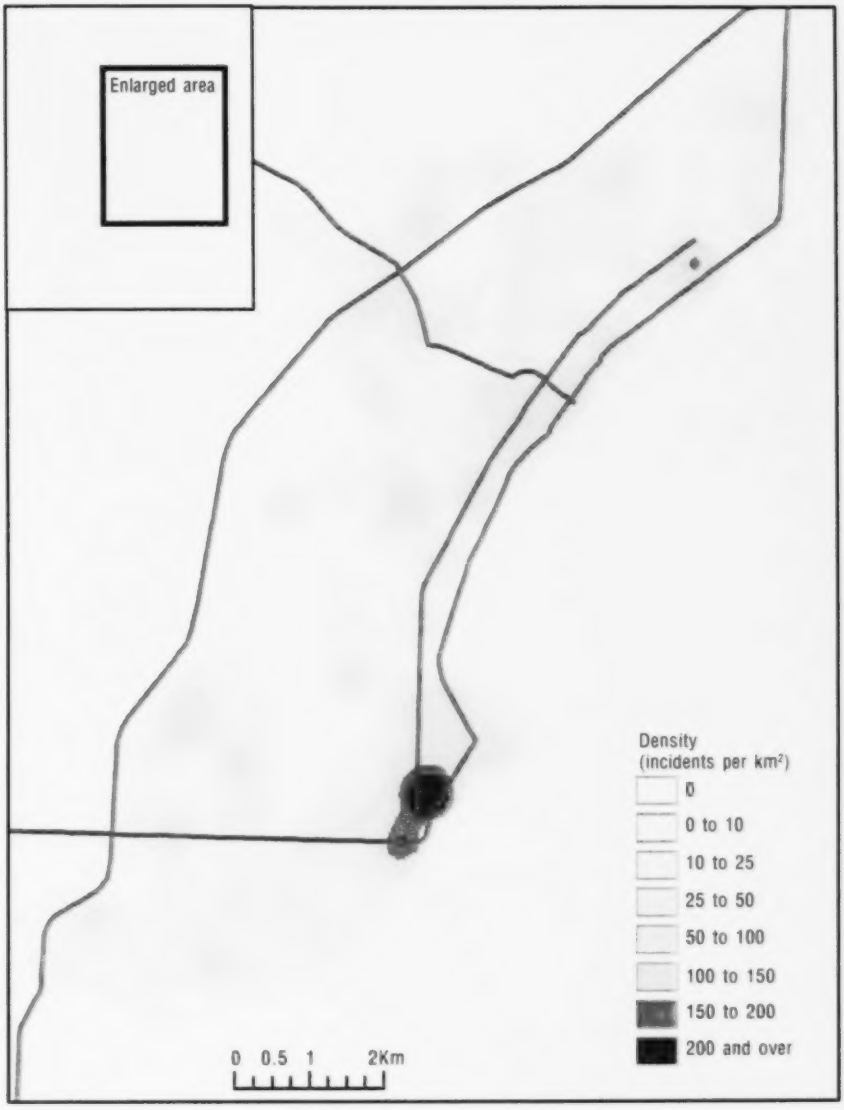
Spatial distribution of quartiles of crime rates, Thunder Bay, 2001



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.5

Kernel density distribution of violent crime incidents, Thunder Bay, 2001

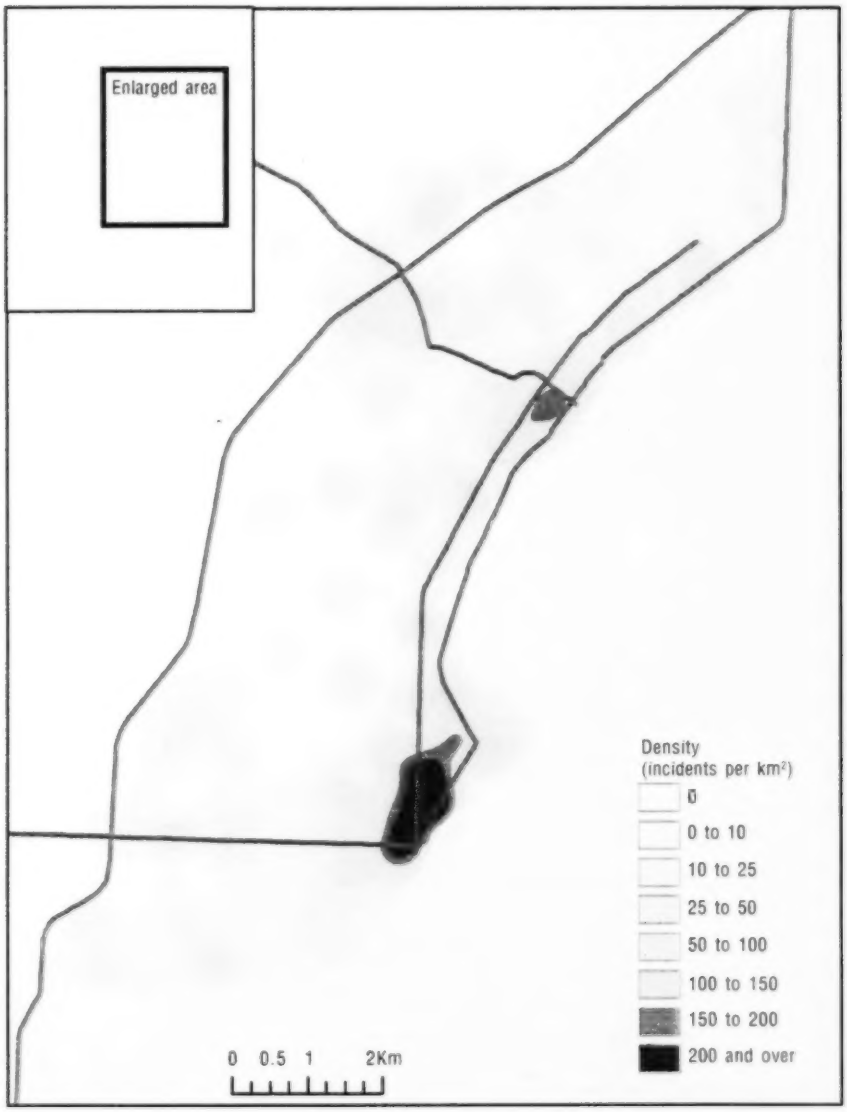


Based on 1,541 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.6

Kernel density distribution of violent crime incidents, Thunder Bay, 2003

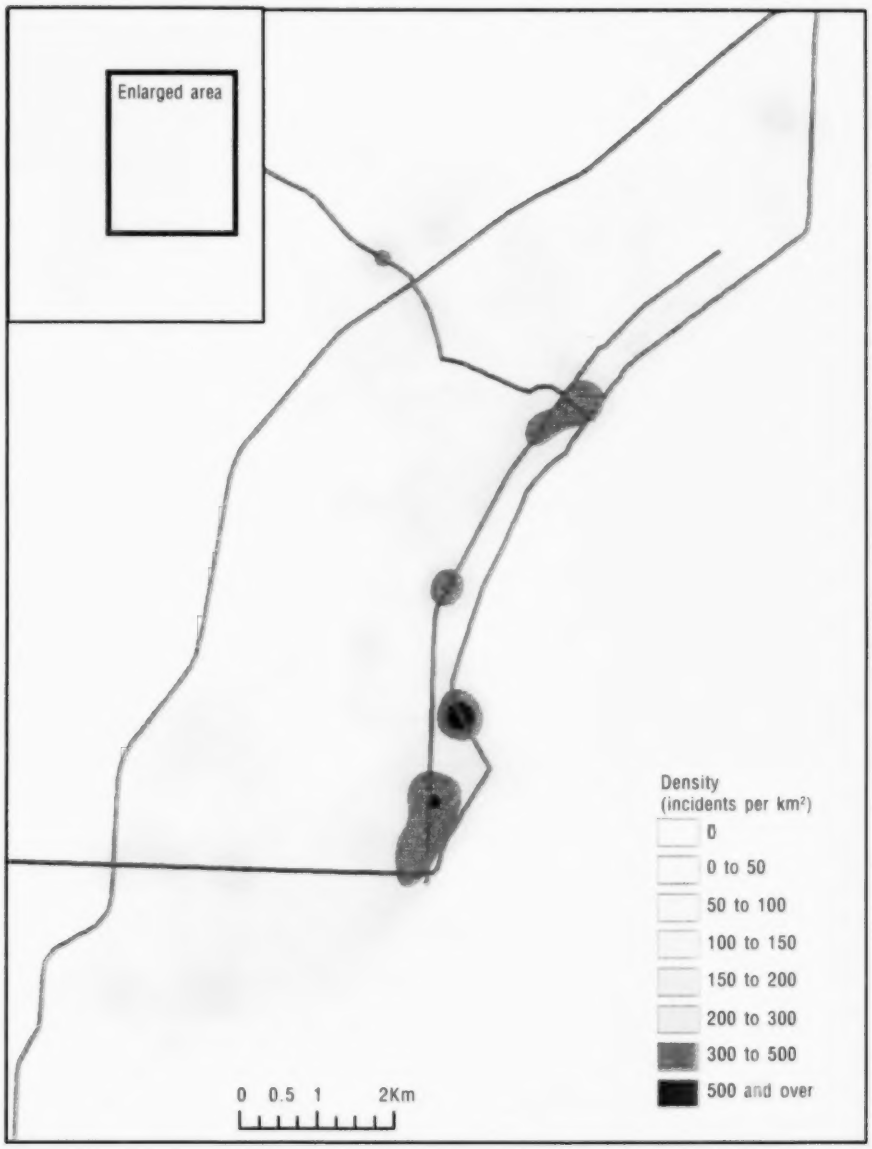


Based on 1,658 violent crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 3.7

Kernel density distribution of property crime incidents, Thunder Bay, 2001

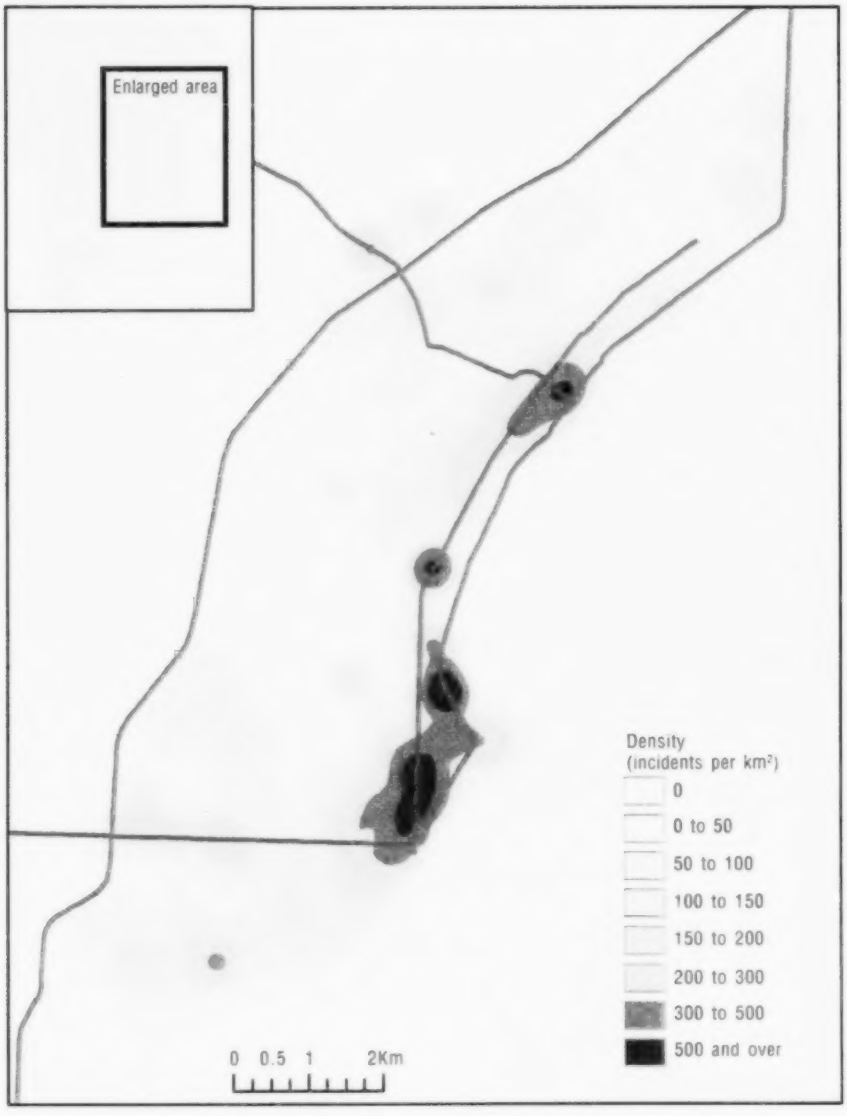


Based on 4,717 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.8

Kernel density distribution of property crime incidents, Thunder Bay, 2003

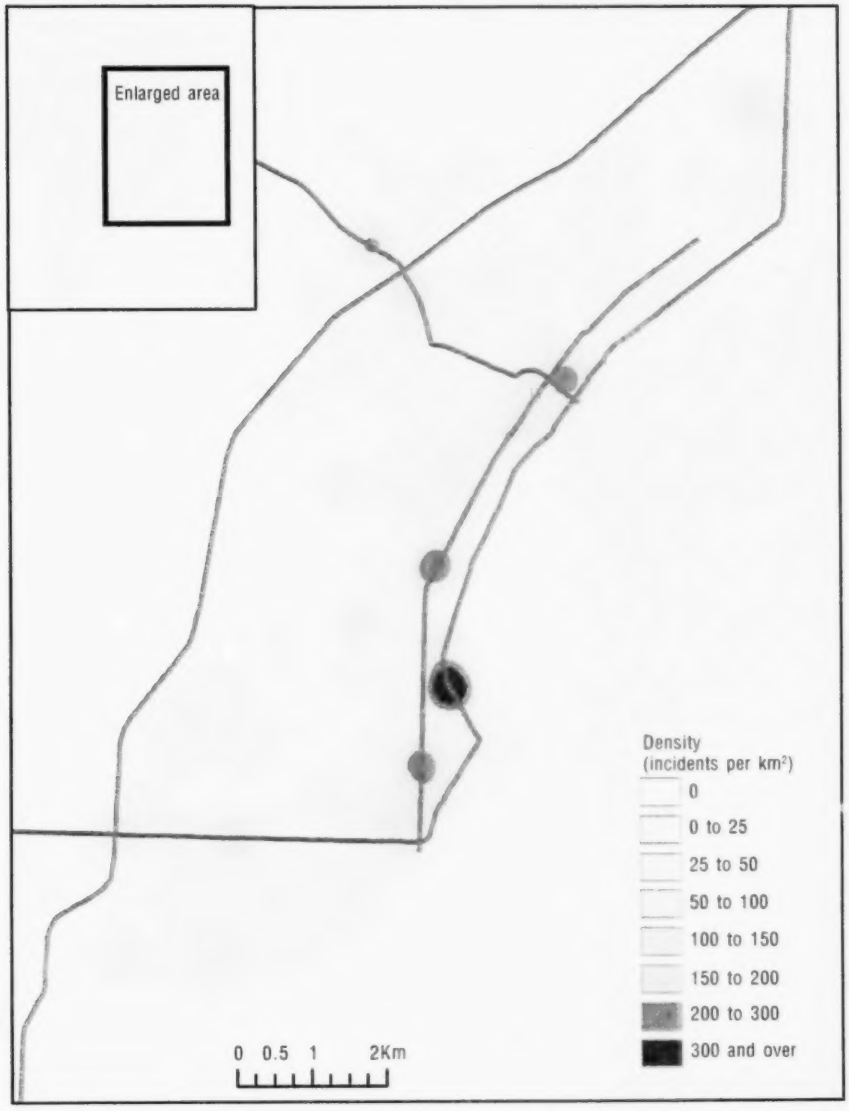


Based on 5,313 property crime incidents.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2003.

Map 3.9

Kernel density distribution of theft $5,000 and under offences, Thunder Bay, 2001

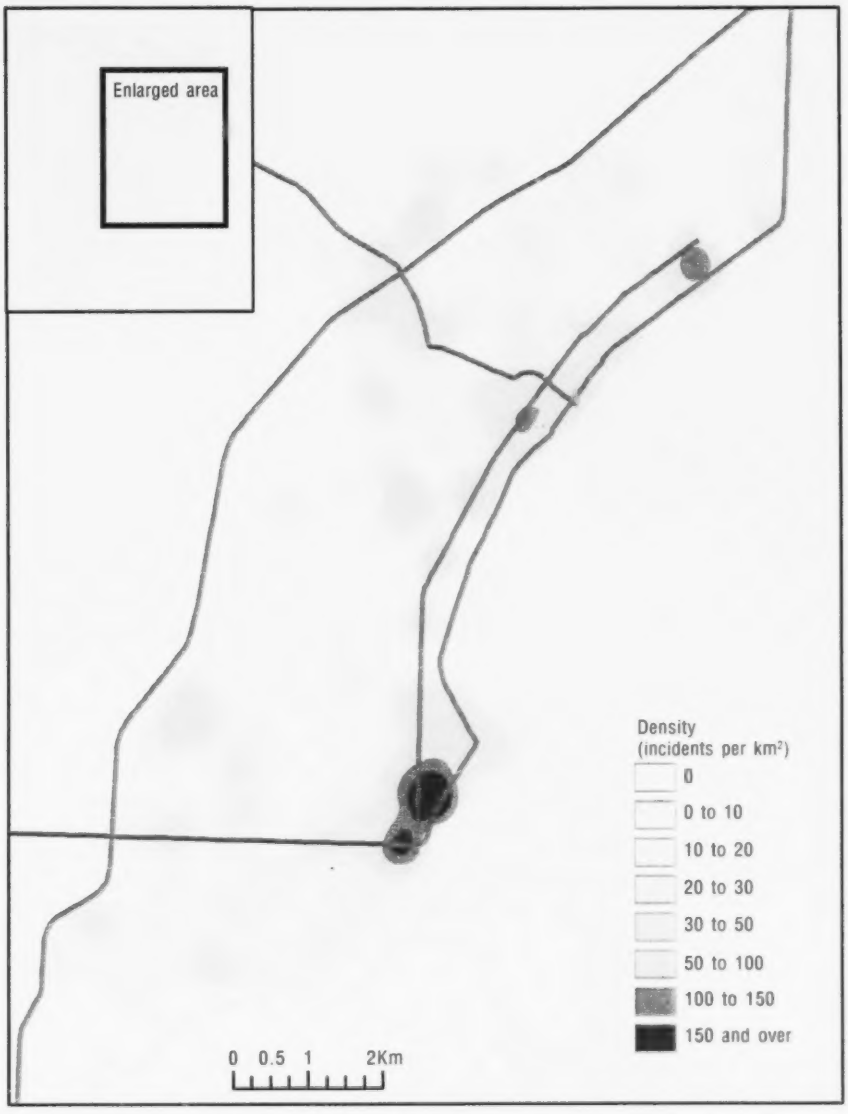


Based on 2,099 theft $5,000 and under offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.10

Kernel density distribution of assault offences, Thunder Bay, 2001

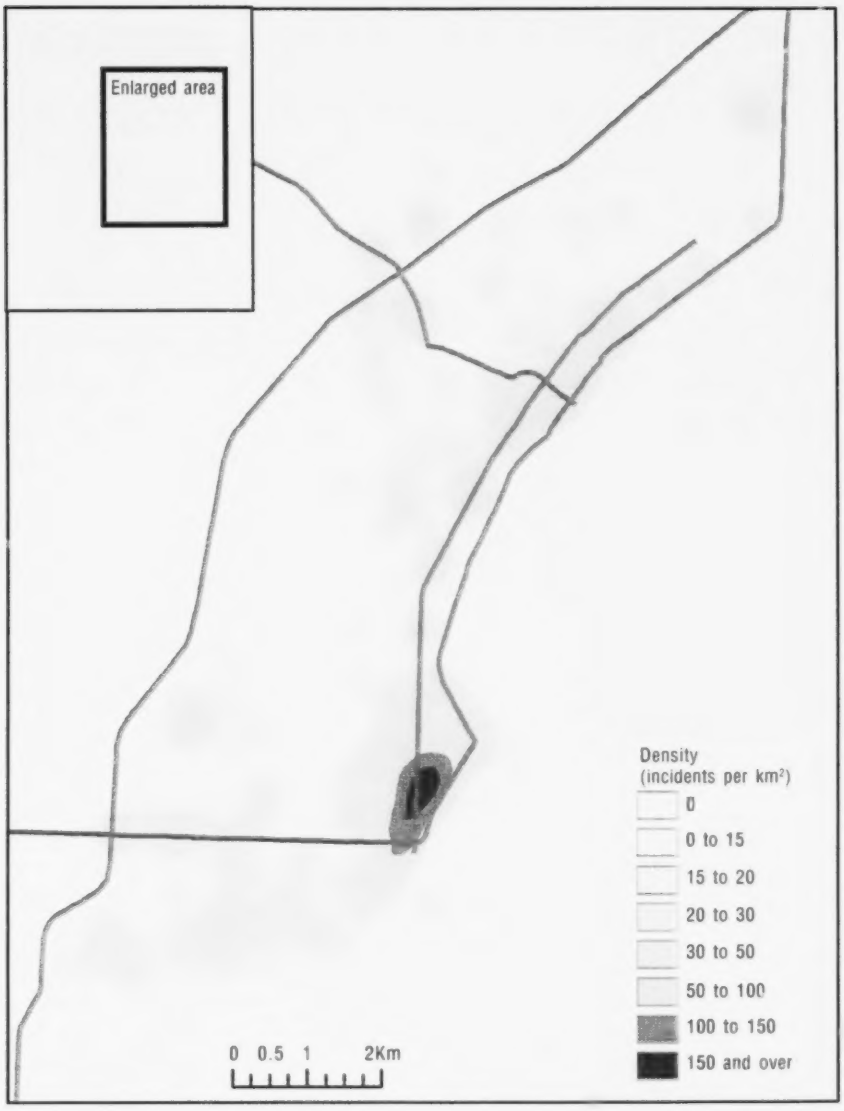


Based on 1,087 assault offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.11

Kernel density distribution of mischief offences, Thunder Bay, 2001

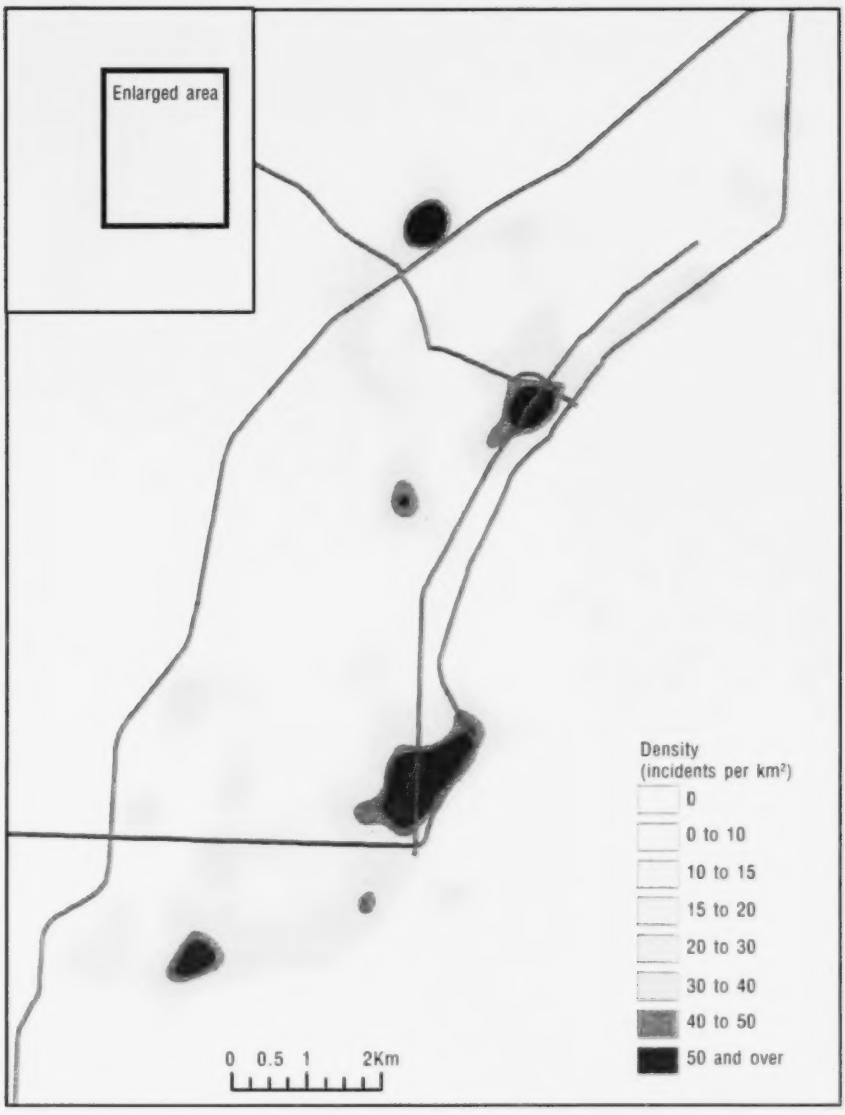


Based on 1,184 mischief offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.12

Kernel density distribution of break and enter offences, Thunder Bay, 2001

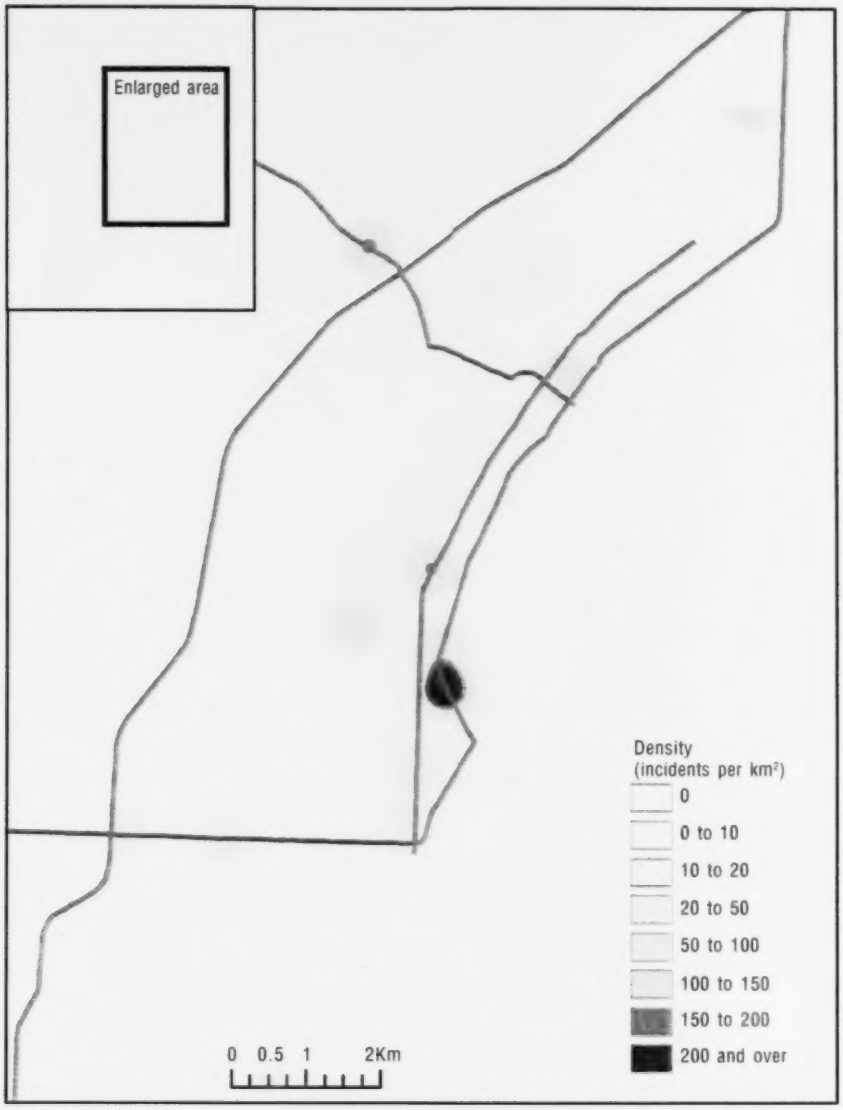


Based on 763 break and enter offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.13

Kernel density distribution of shoplifting offences, Thunder Bay, 2001

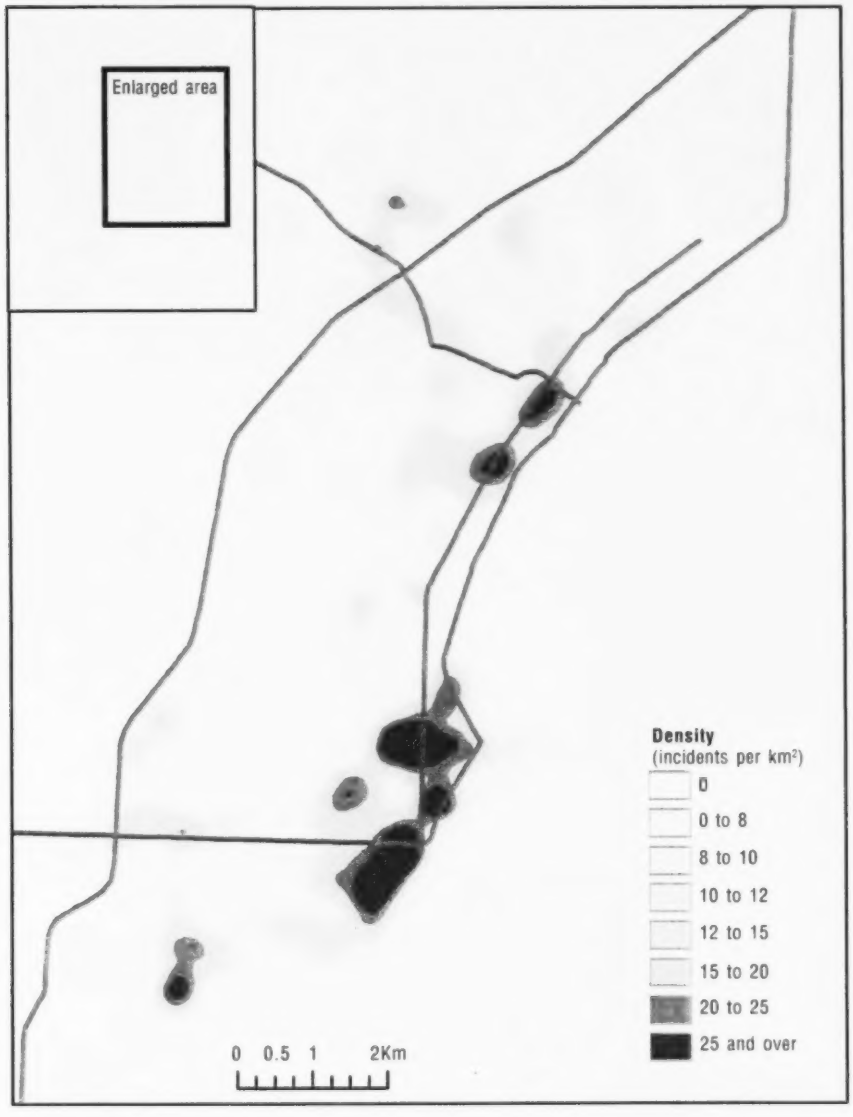


Based on 401 shoplifting offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.14

Kernel density distribution of car theft offences, Thunder Bay, 2001

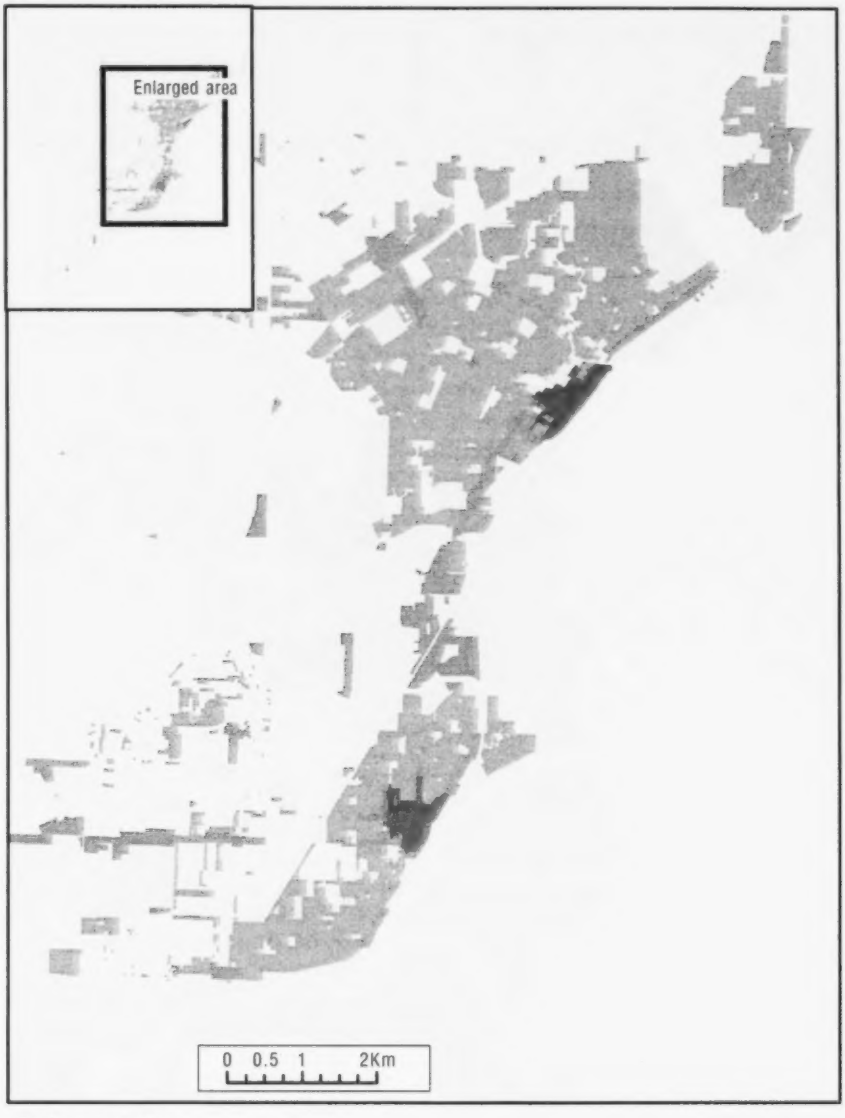


Based on 389 car theft offences.

Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.15

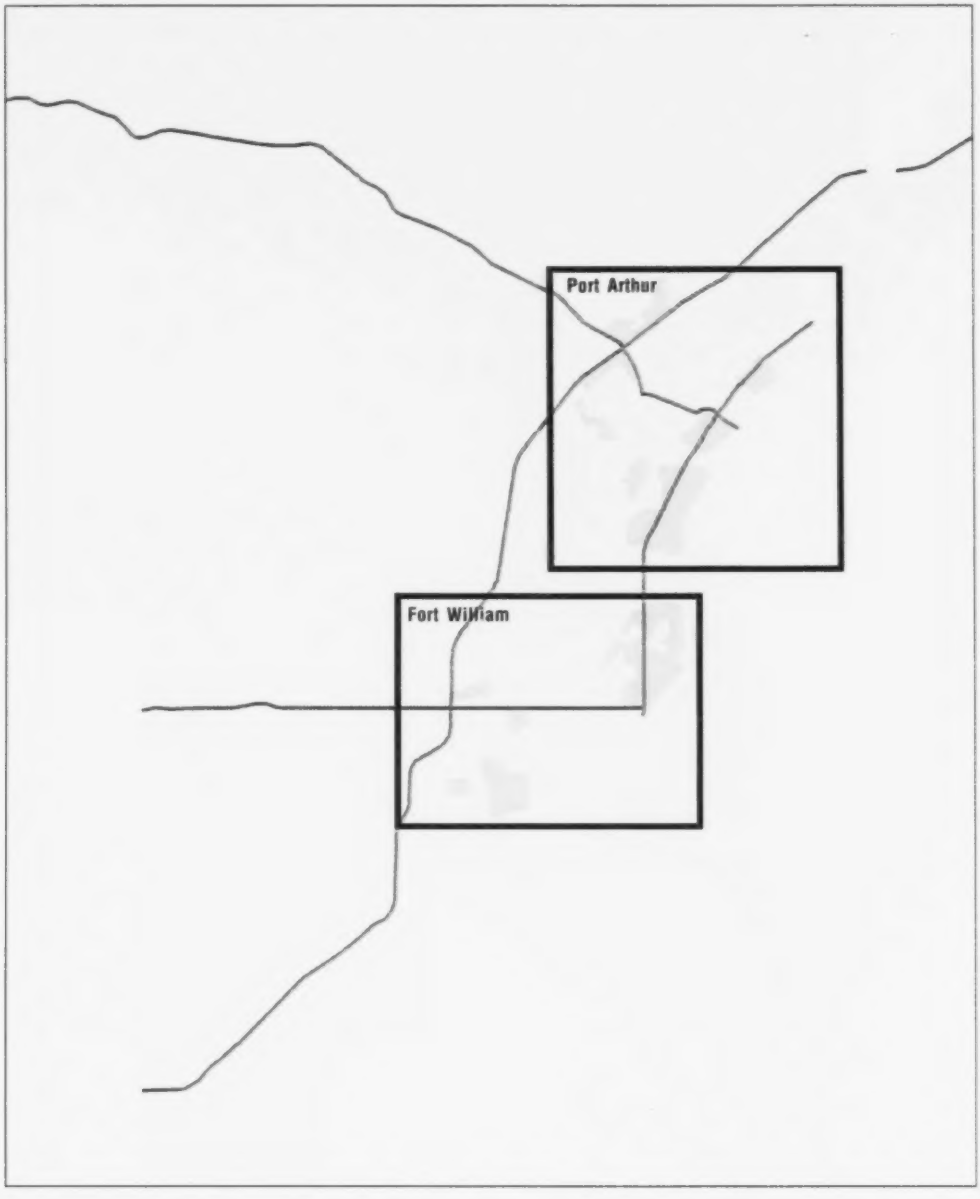
Zoning categories, Thunder Bay, 2005



Source: City of Thunder Bay, Planning Division, 2005.

Map 3.16

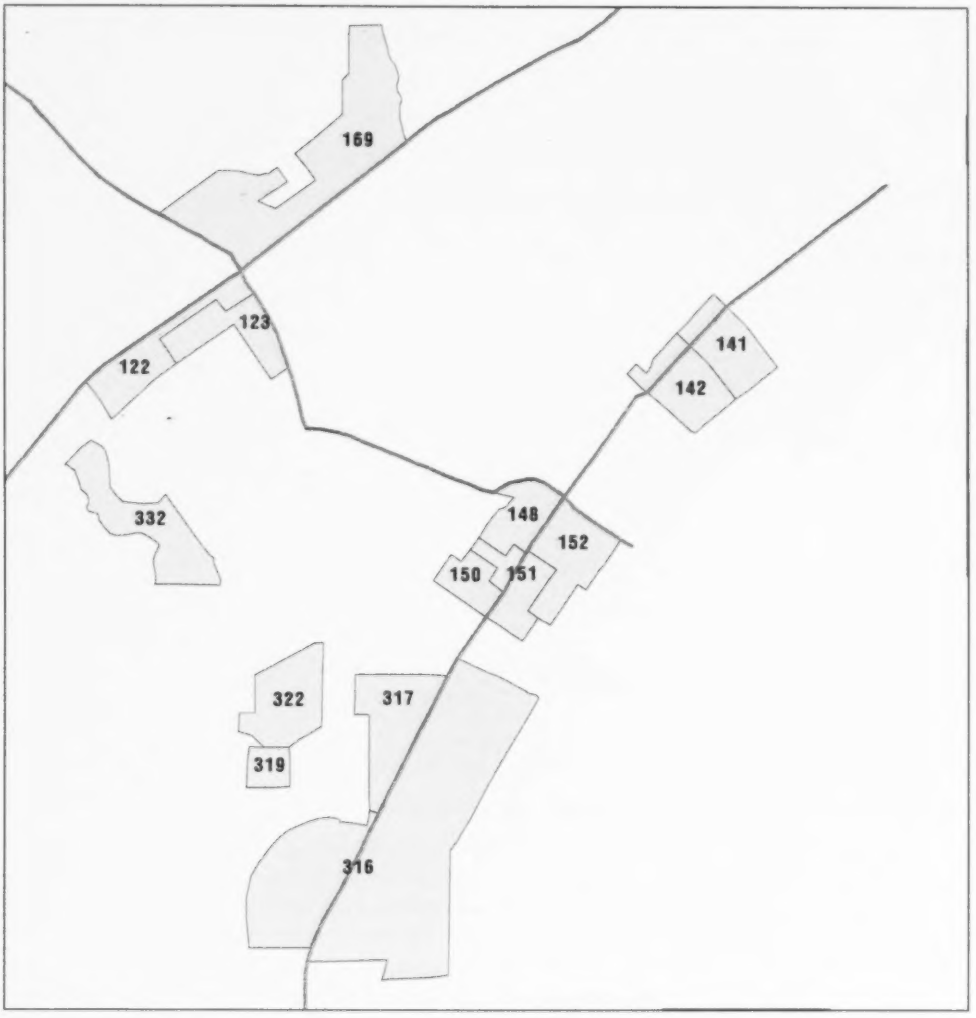
The 31 dissemination areas with the highest crime rate, Thunder Bay, 2001



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.17

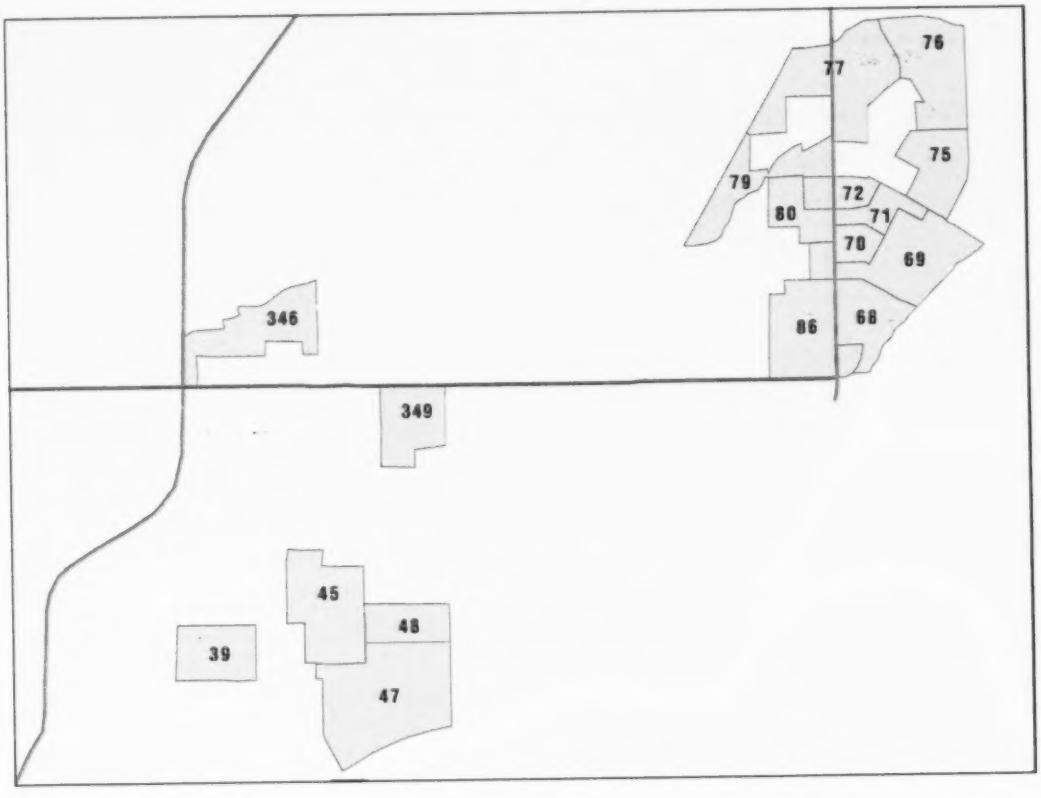
The 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, Port Arthur enlargement



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.

Map 3.18

The 31 dissemination areas with the highest crime rate, Thunder Bay, 2001, Fort William enlargement



Source: Statistics Canada, Canadian Centre for Justice Statistics, Incident-based Uniform Crime Reporting Survey, geocoded database, 2001.